

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
 Data File : BE101447.D
 Acq On : 1 Nov 2024 14:00
 Operator : RC/JU
 Sample : P4616-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F10MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 01 14:42:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.572	152	70570	20.000	ng	0.00
21) Naphthalene-d8	10.339	136	285077	20.000	ng	0.00
39) Acenaphthene-d10	14.182	164	166741	20.000	ng	0.00
64) Phenanthrene-d10	16.926	188	345432	20.000	ng	0.00
76) Chrysene-d12	21.086	240	447859	20.000	ng	0.00
86) Perylene-d12	23.383	264	672419	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	507625	126.073	ng	0.00
7) Phenol-d6	6.955	99	634408	113.631	ng	0.00
23) Nitrobenzene-d5	8.782	82	367359	80.938	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	346712	118.638	ng	0.00
45) 2-Fluorobiphenyl	12.807	172	832173	84.521	ng	0.00
79) Terphenyl-d14	19.517	244	1560736	80.206	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.201	88	74033	49.298	ng	99
3) Pyridine	3.630	79	183986	43.303	ng	99
4) n-Nitrosodimethylamine	3.547	42	86428	52.574	ng	95
6) Aniline	7.014	93	260655	60.918	ng	98
8) 2-Chlorophenol	7.214	128	252554	52.297	ng	98
9) Benzaldehyde	6.785	77	34234	12.702	ng	98
10) Phenol	6.979	94	324679	53.598	ng	99
11) bis(2-Chloroethyl)ether	7.037	93	218291m	43.927	ng	
12) 1,3-Dichlorobenzene	7.460	146	259996	49.928	ng	99
13) 1,4-Dichlorobenzene	7.607	146	264793	49.794	ng	99
14) 1,2-Dichlorobenzene	7.936	146	256886	49.352	ng	99
15) Benzyl Alcohol	7.913	79	166328	49.979	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.066	45	301202	48.163	ng	99
17) 2-Methylphenol	8.160	107	196668	47.969	ng	99
18) Hexachloroethane	8.630	117	89192	51.361	ng	97
19) n-Nitroso-di-n-propyla...	8.377	70	169828	45.839	ng	98
20) 3+4-Methylphenols	8.494	107	262792	46.435	ng	98
22) Acetophenone	8.424	105	344859	53.277	ng	98
24) Nitrobenzene	8.823	77	247375	51.208	ng	97
25) Isophorone	9.276	82	443532	50.077	ng	100
26) 2-Nitrophenol	9.511	139	135543	58.052	ng	98
27) 2,4-Dimethylphenol	9.628	122	189527	64.507	ng	99
28) bis(2-Chloroethoxy)met...	9.775	93	274742	51.150	ng	98
29) 2,4-Dichlorophenol	10.063	162	221194	54.419	ng	100
30) 1,2,4-Trichlorobenzene	10.187	180	229164	51.754	ng	99
31) Naphthalene	10.392	128	738873	50.861	ng	100
32) Benzoic acid	9.887	122	80595	30.317	ng	99
33) 4-Chloroaniline	10.615	127	146929	29.086	ng	98
34) Hexachlorobutadiene	10.639	225	142890	54.518	ng	99
35) Caprolactam	11.409	113	67396m	43.256	ng	
36) 4-Chloro-3-methylphenol	11.791	107	214530	46.355	ng	100
37) 2-Methylnaphthalene	11.984	142	512783	48.994	ng	99
38) 1-Methylnaphthalene	12.208	142	473602	45.340	ng	100
40) 1,2,4,5-Tetrachloroben...	12.343	216	251522	60.090	ng	99
41) Hexachlorocyclopentadiene	12.319	237	317231	229.478	ng	98
43) 2,4,6-Trichlorophenol	12.660	196	171999	59.606	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	181161	54.822	ng	99
46) 1,1'-Biphenyl	13.013	154	636604	55.727	ng	99
47) 2-Chloronaphthalene	13.060	162	494943	54.839	ng	99
48) 2-Nitroaniline	13.389	65	133921	55.137	ng	97
49) Acenaphthylene	13.917	152	782989	58.664	ng	100
50) Dimethylphthalate	13.688	163	606362	51.519	ng	99
51) 2,6-Dinitrotoluene	13.829	165	133506	49.131	ng	95
52) Acenaphthene	14.247	154	473850	54.370	ng	100
53) 3-Nitroaniline	14.235	138	92895	34.380	ng	100
54) 2,4-Dinitrophenol	14.376	184	174590	89.693	ng	99
55) Dibenzofuran	14.593	168	743573	53.529	ng	96
56) 4-Nitrophenol	14.658	139	254582	102.886	ng	98
57) 2,4-Dinitrotoluene	14.611	165	189036	50.531	ng	99
58) Fluorene	15.228	166	597993	51.460	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.858	232	164343	53.828	ng	98
60) Diethylphthalate	15.016	149	604515	49.104	ng	99
61) 4-Chlorophenyl-phenyle...	15.216	204	291789	50.601	ng	99
62) 4-Nitroaniline	15.422	138	140620	46.769	ng	98
63) Azobenzene	15.510	77	534383	50.499	ng	99
65) 4,6-Dinitro-2-methylph...	15.357	198	115149	56.729	ng	96
66) n-Nitrosodiphenylamine	15.469	169	519084	56.666	ng	99
67) 4-Bromophenyl-phenylether	16.103	248	201561	55.470	ng	96
68) Hexachlorobenzene	16.209	284	258308	54.234	ng	98
69) Atrazine	16.403	200	188205	67.015	ng	99
70) Pentachlorophenol	16.614	266	304091	110.918	ng	99
71) Phenanthrene	16.967	178	939735	56.820	ng	97
72) Anthracene	17.055	178	969234	60.017	ng	98
73) Carbazole	17.384	167	911943	55.189	ng	98
74) Di-n-butylphthalate	17.831	149	1059894	58.264	ng	97
75) Fluoranthene	18.970	202	1166238	58.057	ng	97
77) Benzidine	19.223	184	666952	117.337	ng	100
78) Pyrene	19.341	202	1261113	51.205	ng	97
80) Butylbenzylphthalate	20.187	149	558150	51.695	ng	99
81) Benzo(a)anthracene	21.068	228	1463072	58.122	ng	97
82) 3,3'-Dichlorobenzidine	21.039	252	414359	42.021	ng	99
83) Chrysene	21.121	228	1416318	58.193	ng	95
84) Bis(2-ethylhexyl)phtha...	20.892	149	834488	58.180	ng	98
85) Di-n-octyl phthalate	21.744	149	1547050	65.716	ng	98
87) Indeno(1,2,3-cd)pyrene	25.727	276	2679336	59.539	ng	99
88) Benzo(b)fluoranthene	22.672	252	1911387	54.545	ng	98
89) Benzo(k)fluoranthene	22.719	252	1754449	53.590	ng	97
90) Benzo(a)pyrene	23.277	252	1811209	59.100	ng	98
91) Dibenzo(a,h)anthracene	25.715	278	2210686	59.452	ng	99
92) Benzo(g,h,i)perylene	26.473	276	2060524	53.781	ng	99

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

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BNA_E

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BP-F10MSD

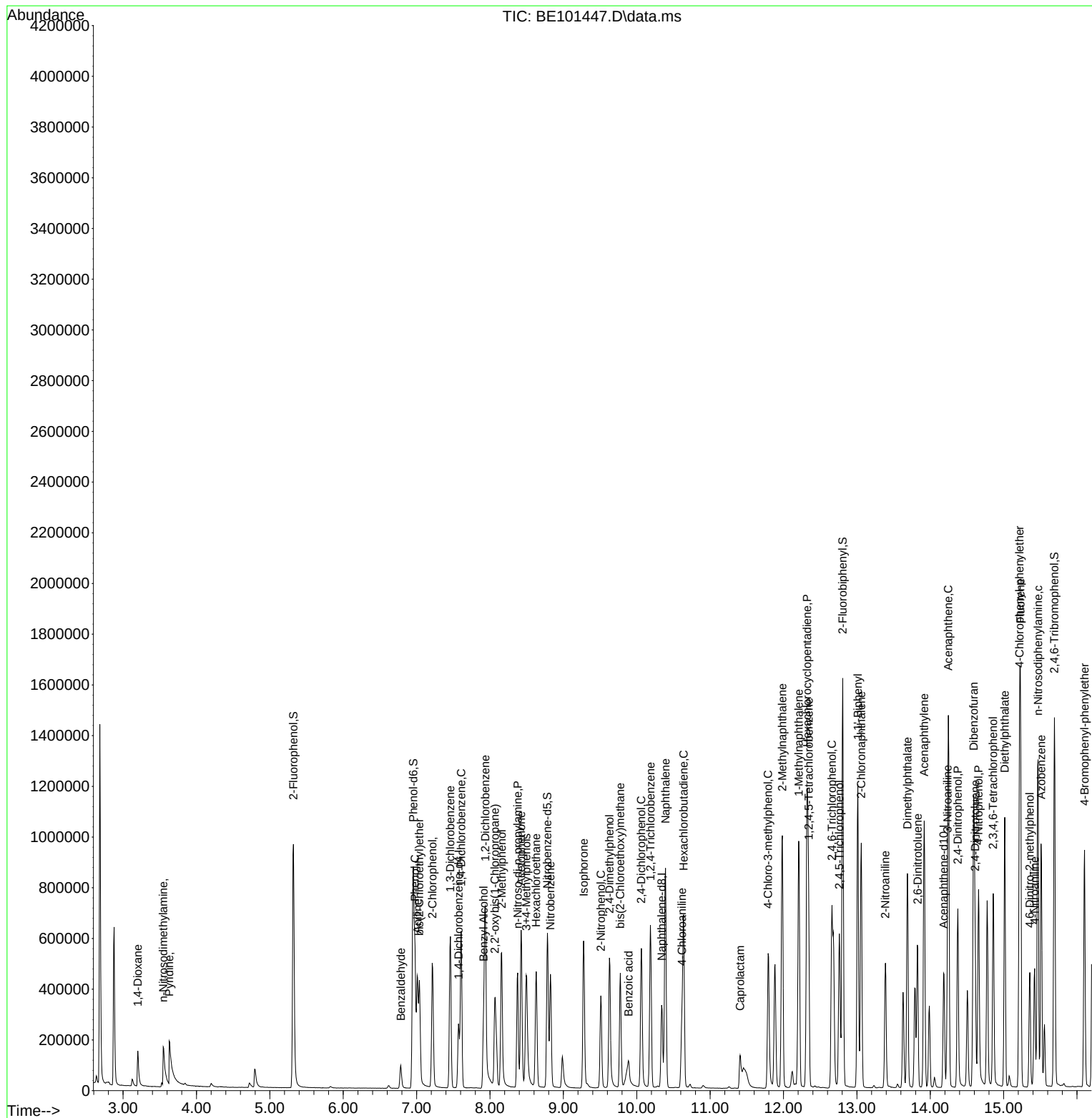
Manual Integrations

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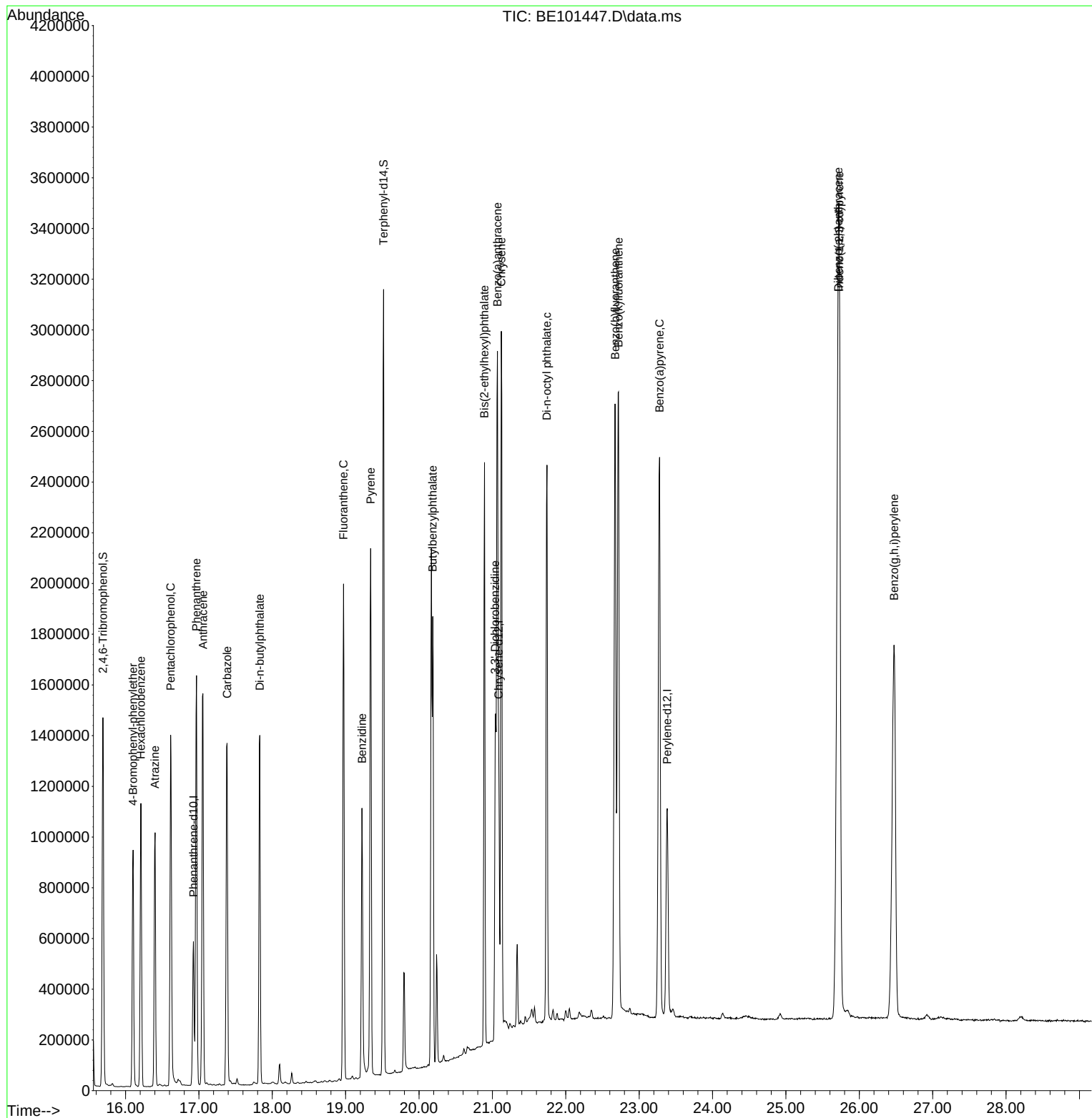
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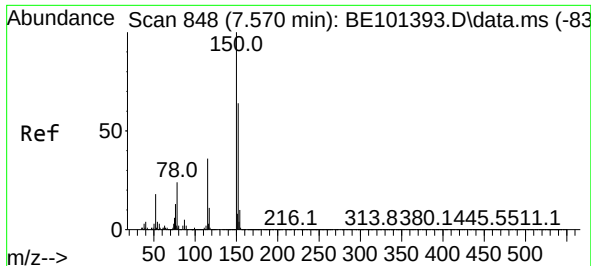
Instrument :
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.572 min Scan# 848
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

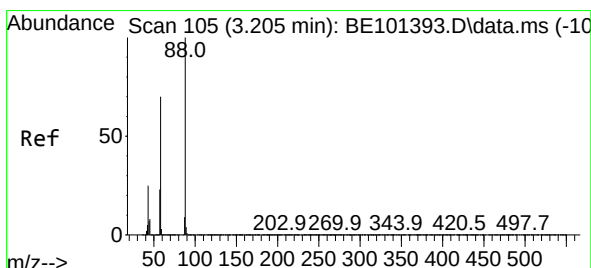
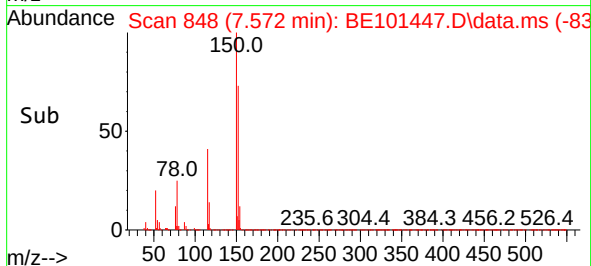
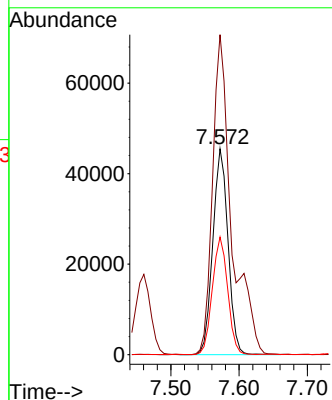
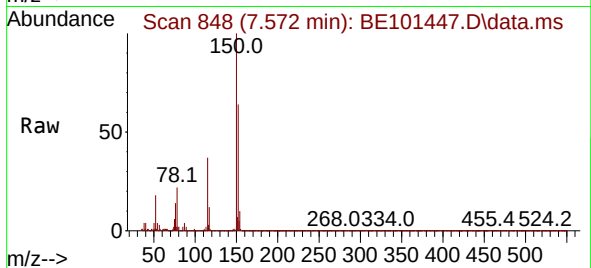
BP-F10MSD

Tgt Ion:152 Resp: 70570
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.4
115 57.1 45.3 67.9

Manual Integrations

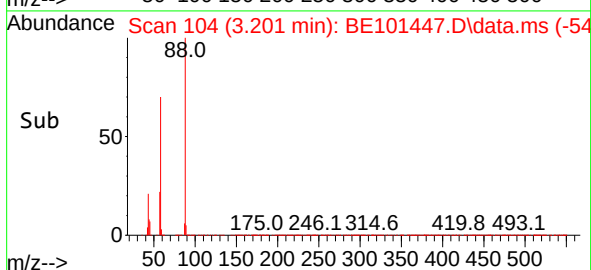
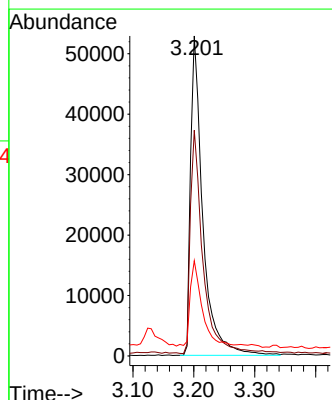
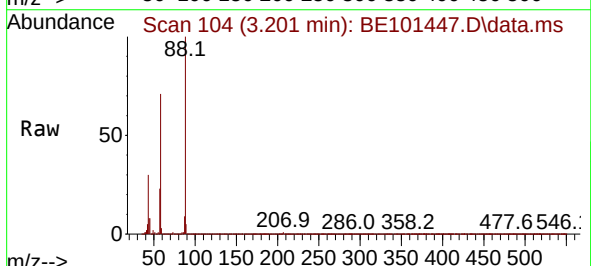
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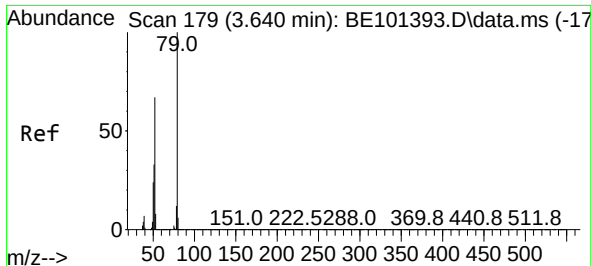
Reviewed By :Yogesh Patel 11/04/2024
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#2
1,4-Dioxane
Concen: 49.298 ng
RT: 3.201 min Scan# 104
Delta R.T. -0.004 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion: 88 Resp: 74033
Ion Ratio Lower Upper
88 100
58 71.5 56.5 84.7
43 25.5 19.8 29.8





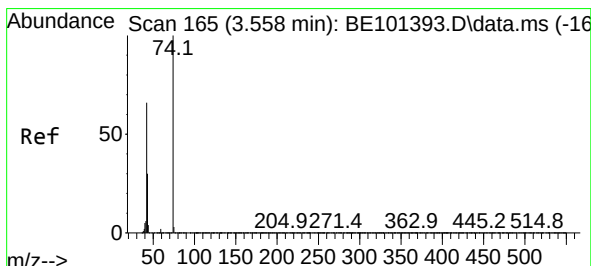
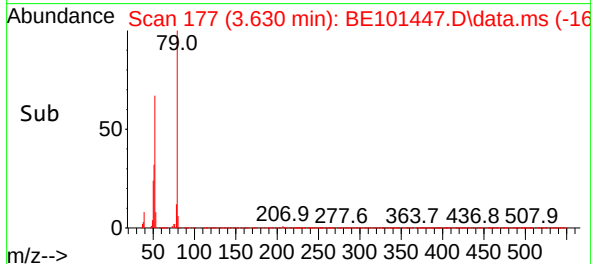
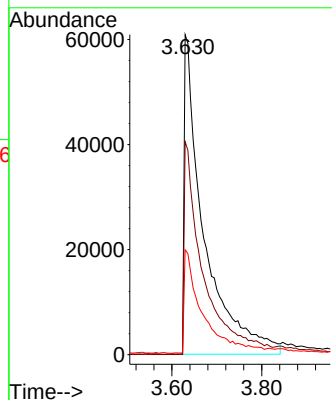
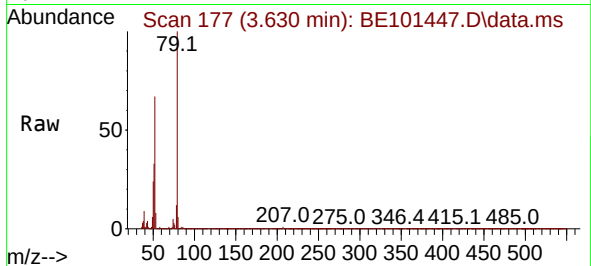
#3
Pyridine
Concen: 43.303 ng
RT: 3.630 min Scan# 11
Delta R.T. -0.010 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :
BNA_E
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BP-F10MSD

Tgt Ion: 79 Resp: 183980
Ion Ratio Lower Upper
79 100
52 66.6 53.3 79.9
51 32.7 27.3 40.9

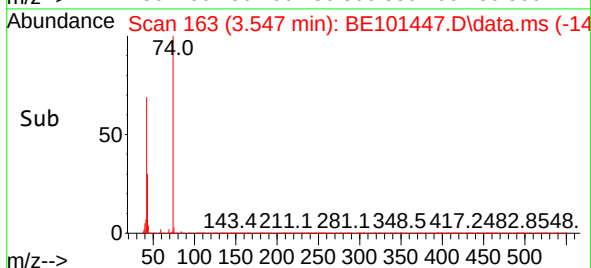
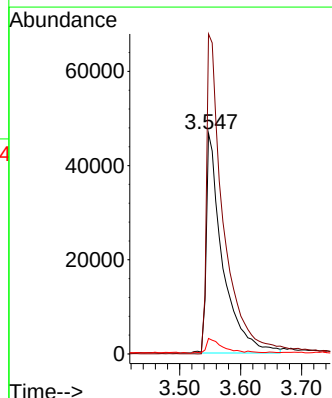
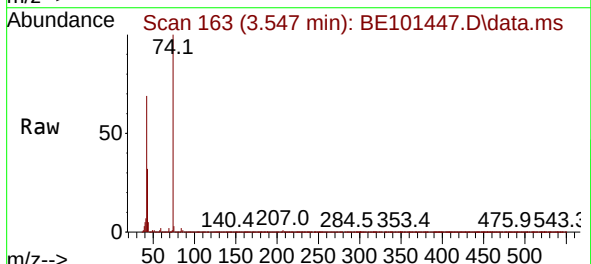
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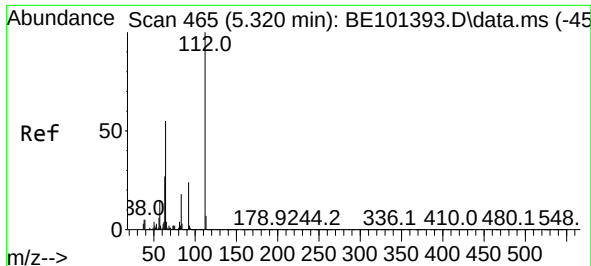
Reviewed By :Yogesh Patel 11/04/2024
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#4
n-Nitrosodimethylamine
Concen: 52.574 ng
RT: 3.547 min Scan# 163
Delta R.T. -0.010 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion: 42 Resp: 86428
Ion Ratio Lower Upper
42 100
74 145.1 121.4 182.0
44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 126.073 ng
RT: 5.322 min Scan# 465
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

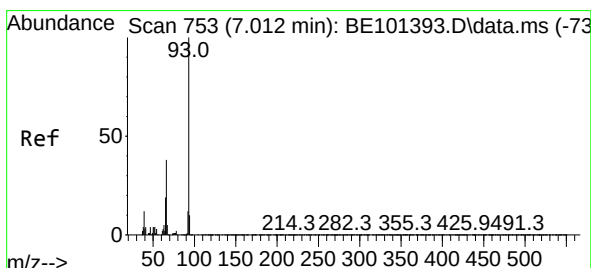
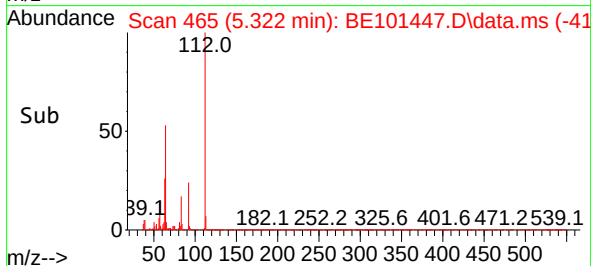
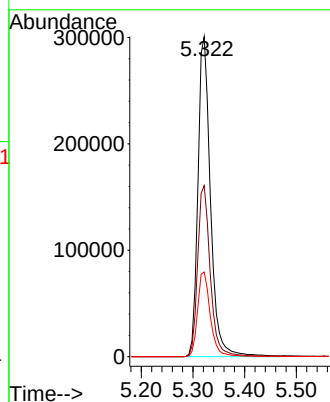
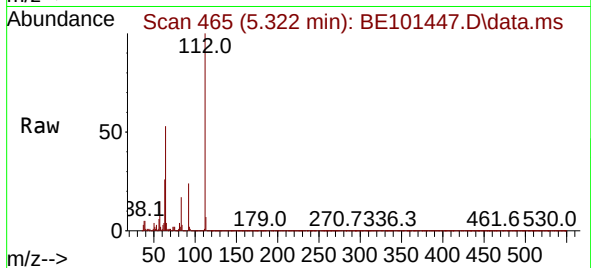
ClientSampleId :

BP-F10MSD

Tgt Ion:112 Resp: 507625
Ion Ratio Lower Upper
112 100
64 53.5 43.7 65.5
63 26.5 21.4 32.2

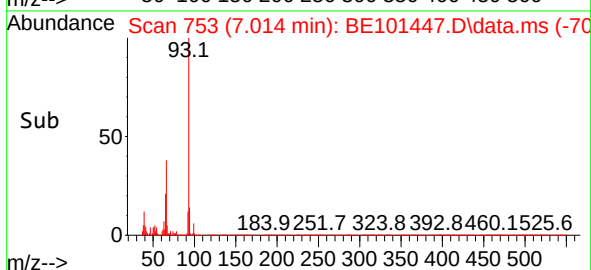
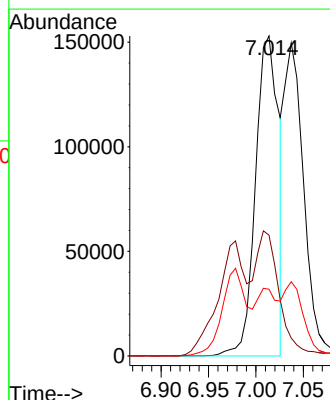
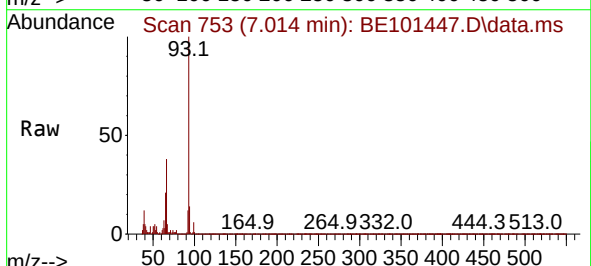
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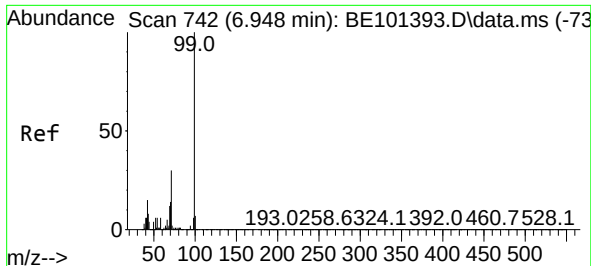
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#6
Aniline
Concen: 60.918 ng
RT: 7.014 min Scan# 753
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion: 93 Resp: 260655
Ion Ratio Lower Upper
93 100
66 37.7 31.0 46.4
65 20.9 15.5 23.3





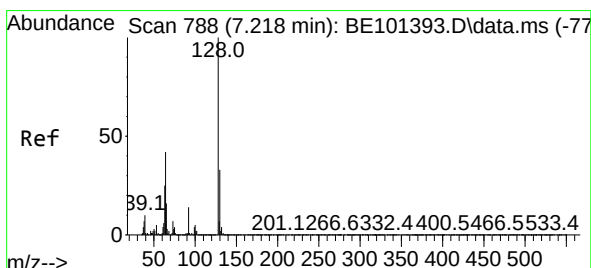
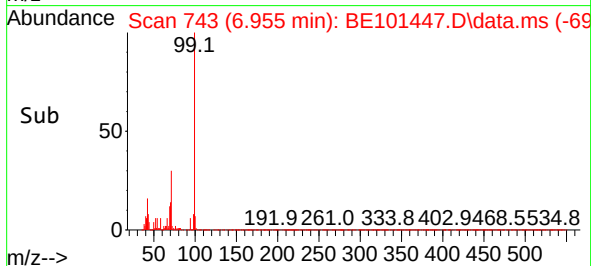
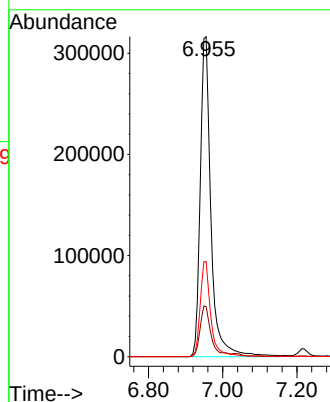
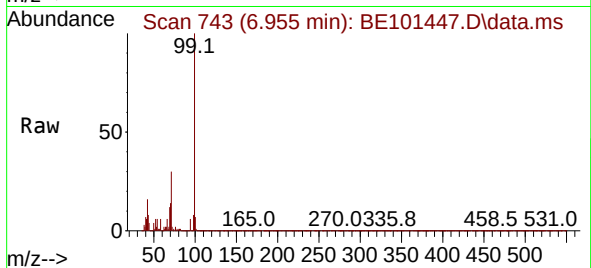
#7
Phenol-d6
Concen: 113.631 ng
RT: 6.955 min Scan# 742
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion: 99 Resp: 634408
Ion Ratio Lower Upper
99 100
42 15.7 12.3 18.5
71 29.7 23.8 35.8

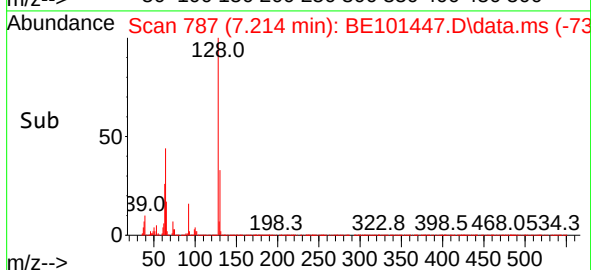
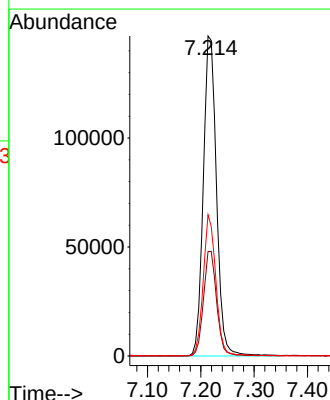
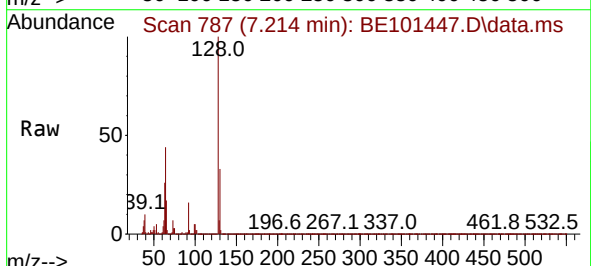
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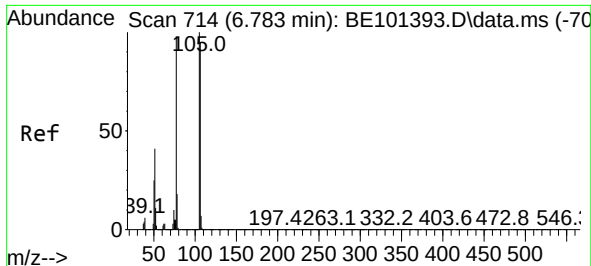
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#8
2-Chlorophenol
Concen: 52.297 ng
RT: 7.214 min Scan# 787
Delta R.T. -0.004 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:128 Resp: 252554
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 44.1 22.3 62.3





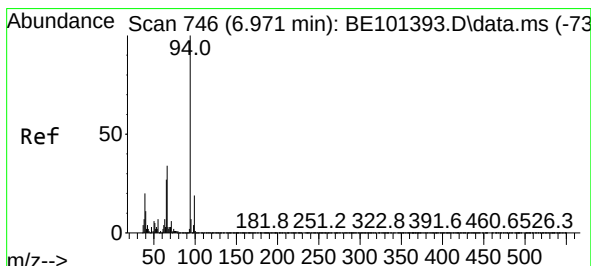
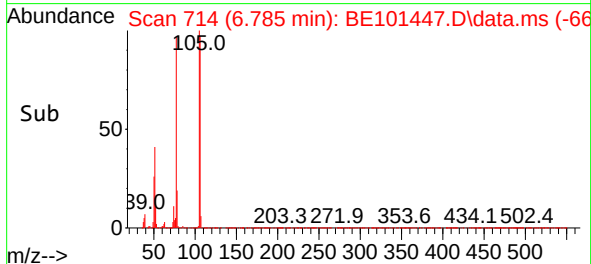
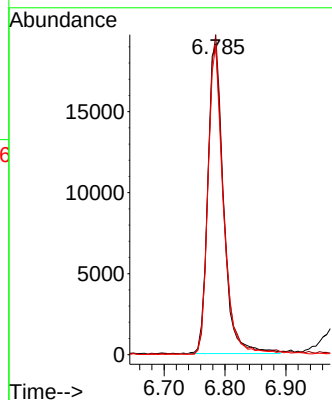
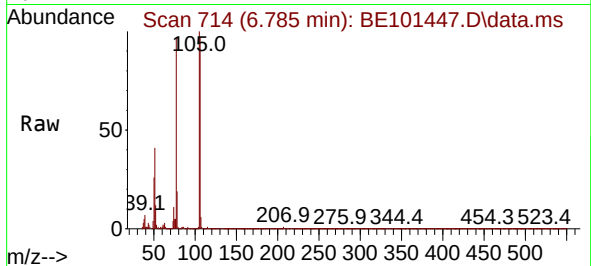
#9
Benzaldehyde
Concen: 12.702 ng
RT: 6.785 min Scan# 714
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion: 77 Resp: 34234
Ion Ratio Lower Upper
77 100
105 103.2 81.9 121.9
106 99.9 76.5 116.5

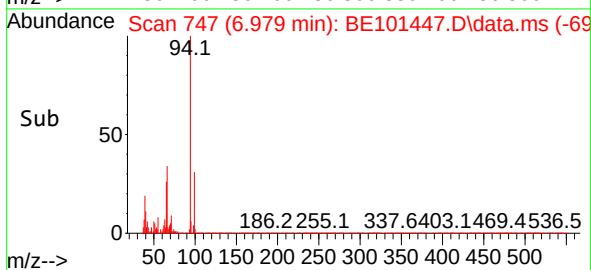
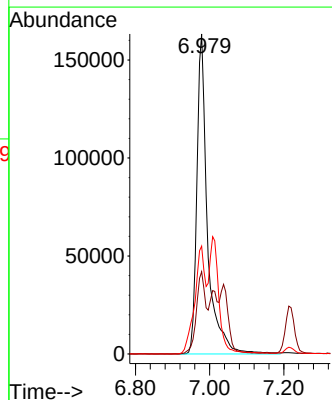
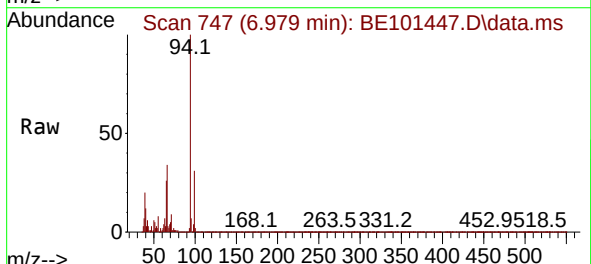
Manual Integrations
APPROVED

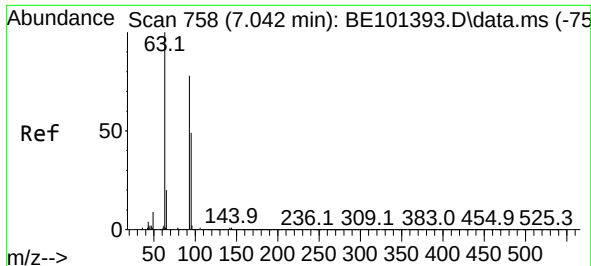
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 53.598 ng
RT: 6.979 min Scan# 747
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

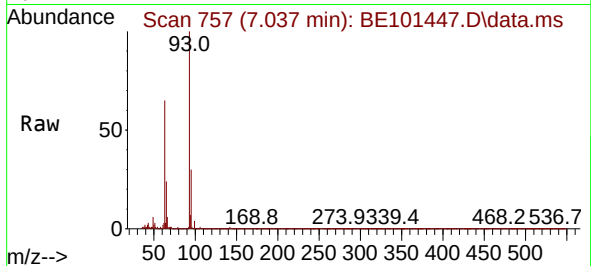
Tgt Ion: 94 Resp: 324679
Ion Ratio Lower Upper
94 100
65 25.7 6.8 46.8
66 33.7 14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 43.927 ng m
RT: 7.037 min Scan# 758
Delta R.T. -0.004 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

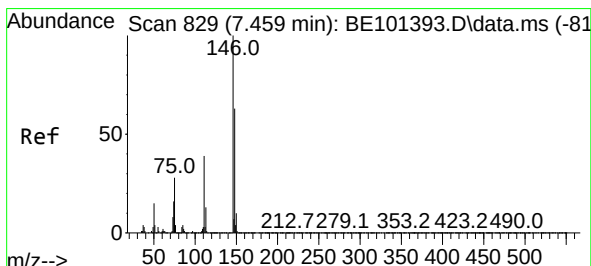
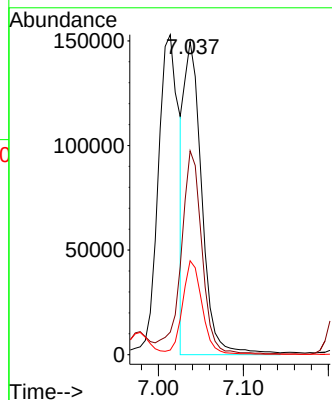
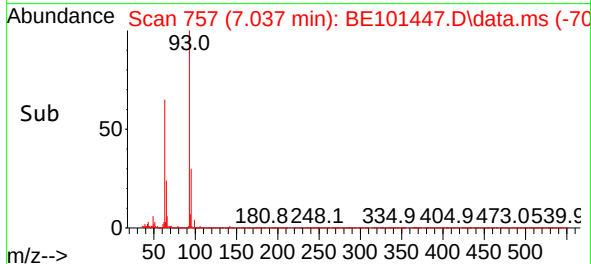
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



Tgt Ion: 93 Resp: 21829
Ion Ratio Lower Upper
93 100
63 65.1 46.3 86.3
95 30.0 9.6 49.6

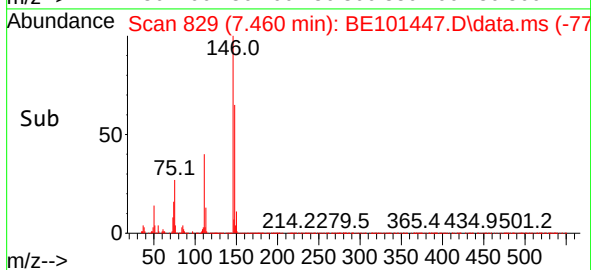
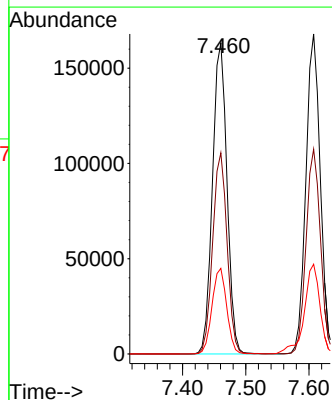
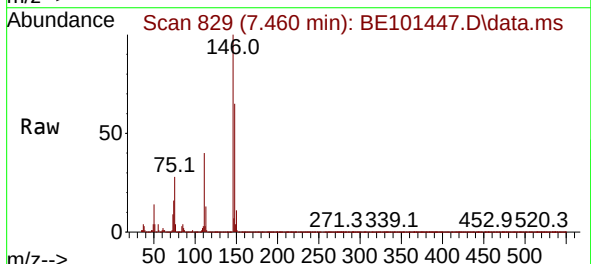
Manual Integrations
APPROVED

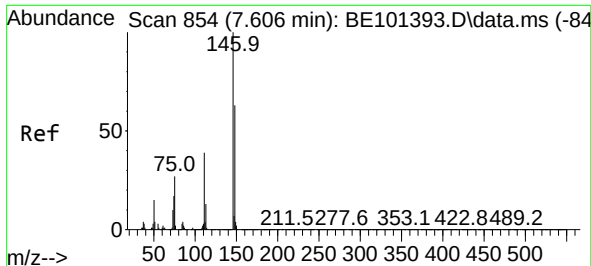
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 49.928 ng
RT: 7.460 min Scan# 829
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:146 Resp: 259996
Ion Ratio Lower Upper
146 100
148 64.7 50.5 75.7
75 27.5 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 49.794 ng
RT: 7.607 min Scan# 854
Delta R.T. 0.001 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

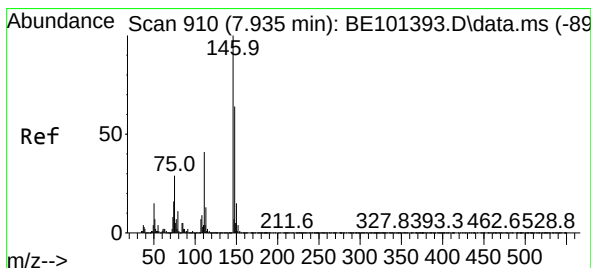
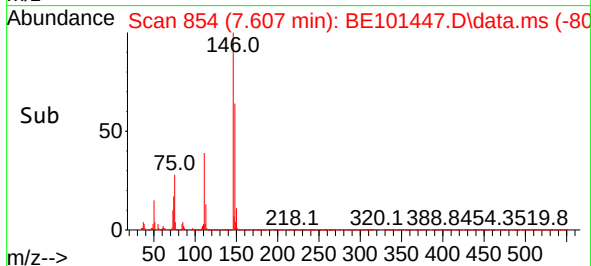
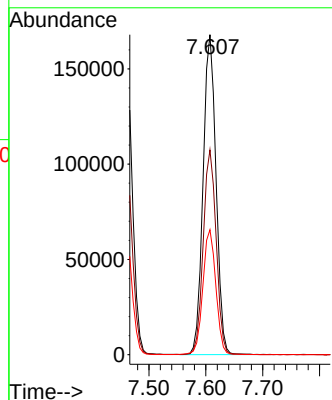
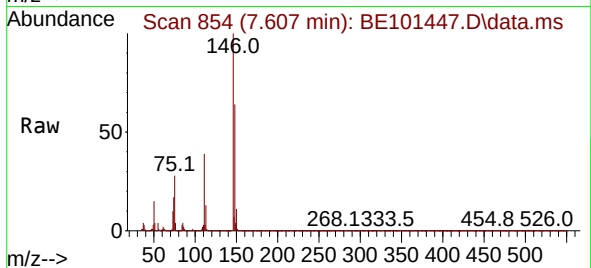
BP-F10MSD

Tgt Ion:146 Resp: 26479
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.2
111 39.1 31.6 47.4

Manual Integrations

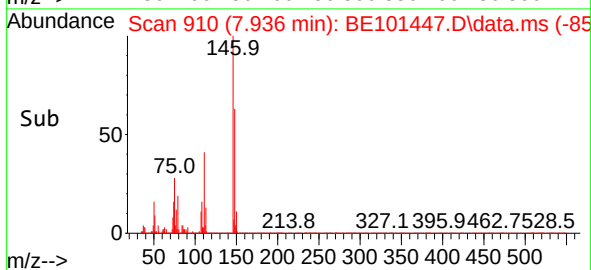
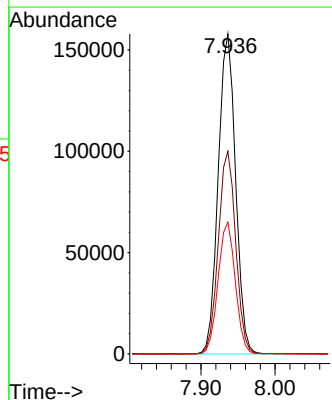
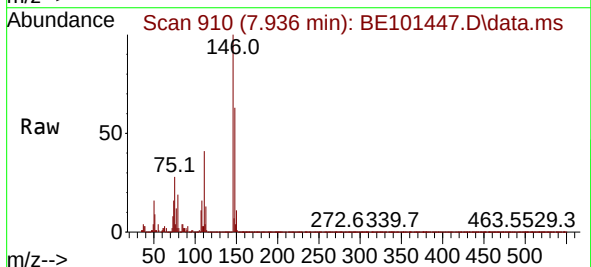
APPROVED

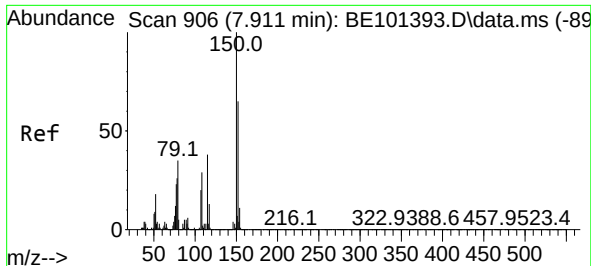
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 49.352 ng
RT: 7.936 min Scan# 910
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:146 Resp: 256886
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
111 41.2 32.8 49.2





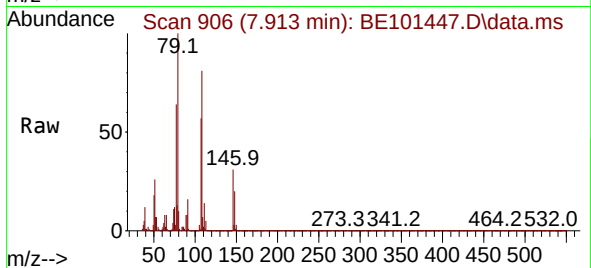
#15
Benzyl Alcohol
Concen: 49.979 ng
RT: 7.913 min Scan# 906
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD



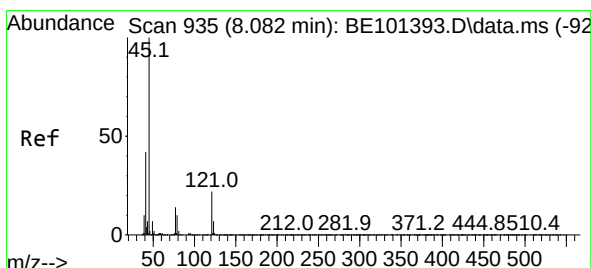
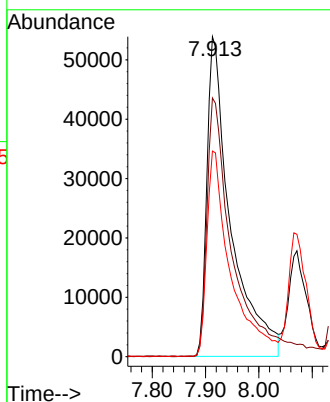
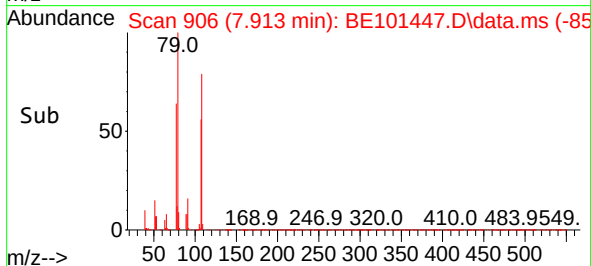
Tgt Ion: 79 Resp: 166328
Ion Ratio Lower Upper
79 100
108 80.8 66.1 99.1
77 64.3 53.1 79.7

Manual Integrations

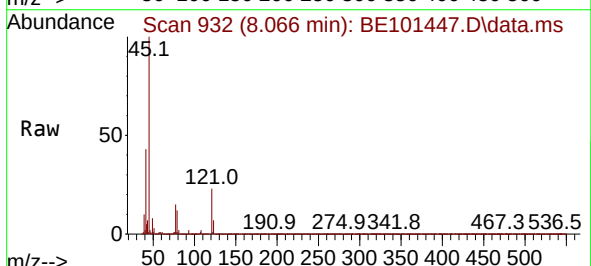
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

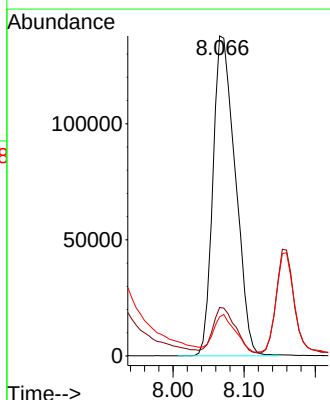
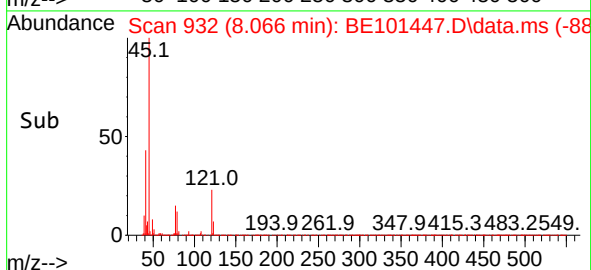
Supervised By :mohammad ahmed 11/04/2024

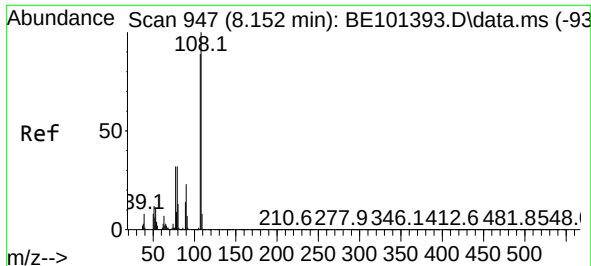


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.163 ng
RT: 8.066 min Scan# 932
Delta R.T. -0.016 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00



Tgt Ion: 45 Resp: 301202
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.5
79 12.3 0.0 31.8





#17
2-Methylphenol
Concen: 47.969 ng
RT: 8.160 min Scan# 947
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

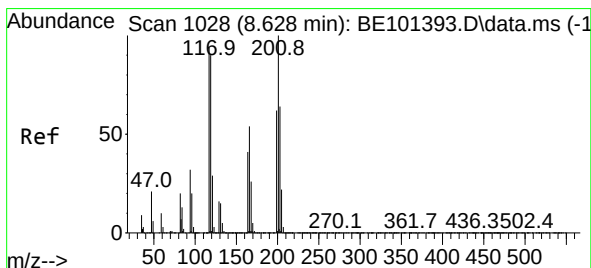
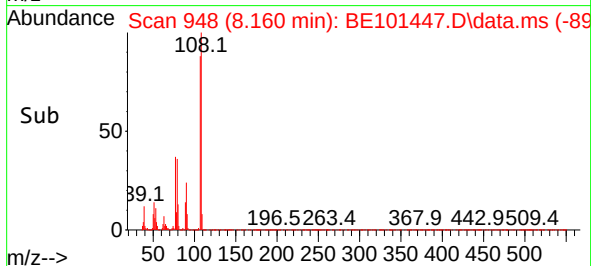
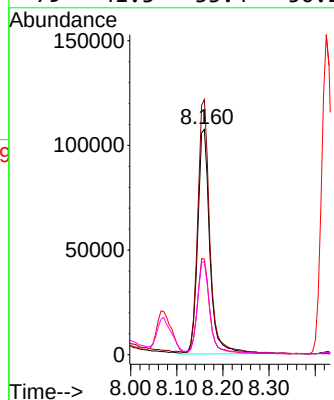
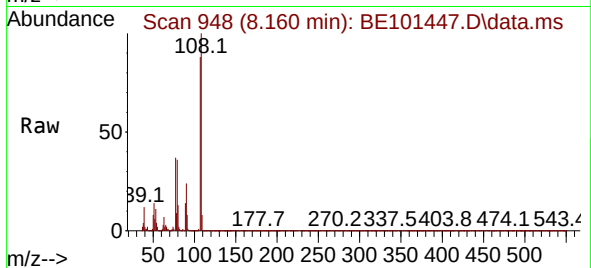
ClientSampleId :

BP-F10MSD

Tgt Ion:107 Resp: 196668
Ion Ratio Lower Upper
107 100
108 113.2 90.0 135.0
77 42.4 34.2 51.4
79 41.3 33.4 50.2

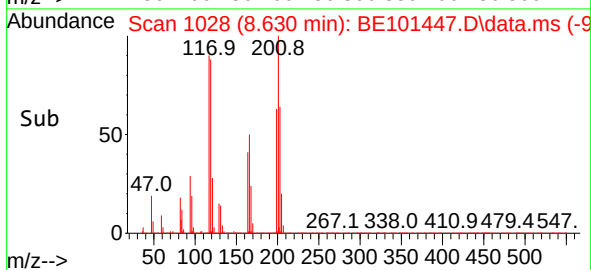
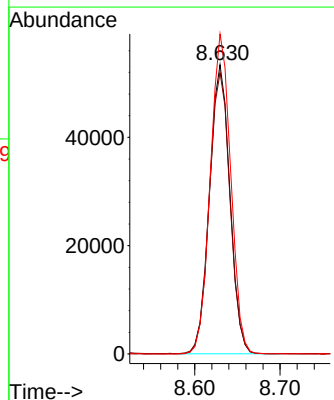
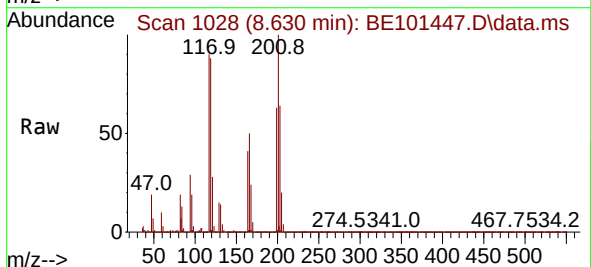
Manual Integrations
APPROVED

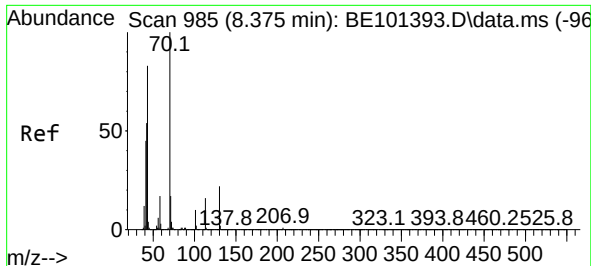
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 51.361 ng
RT: 8.630 min Scan# 1028
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

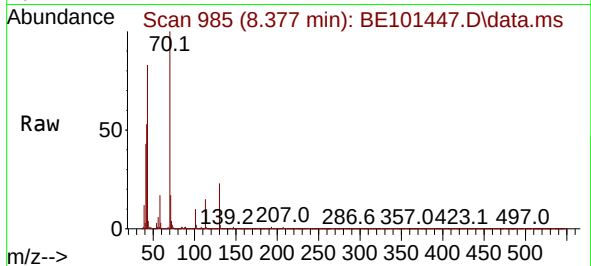
Tgt Ion:117 Resp: 89192
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.4
201 110.6 85.3 127.9





#19
n-Nitroso-di-n-propylamine
Concen: 45.839 ng
RT: 8.377 min Scan# 985
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

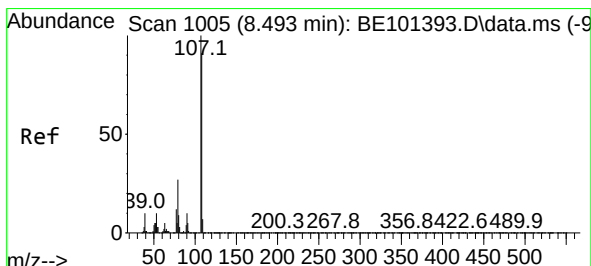
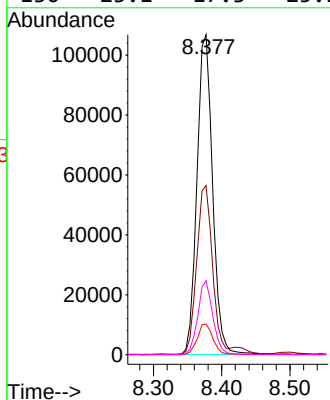
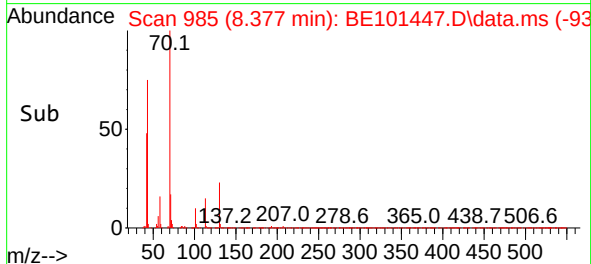
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



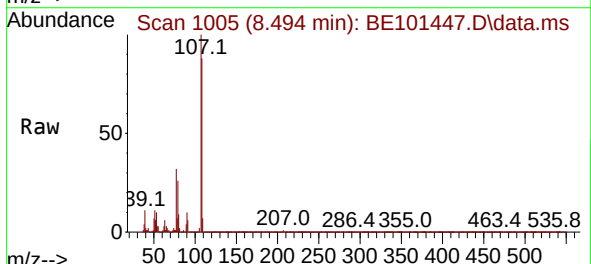
Tgt Ion: 70 Resp: 169828
Ion Ratio Lower Upper
70 100
42 52.9 43.4 65.0
101 9.6 8.1 12.1
130 23.1 17.3 25.9

Manual Integrations
APPROVED

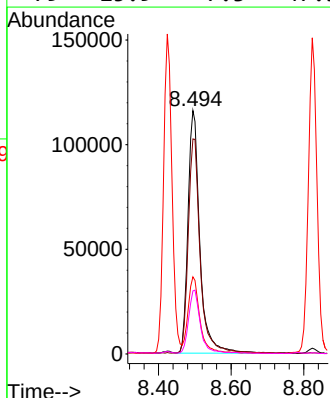
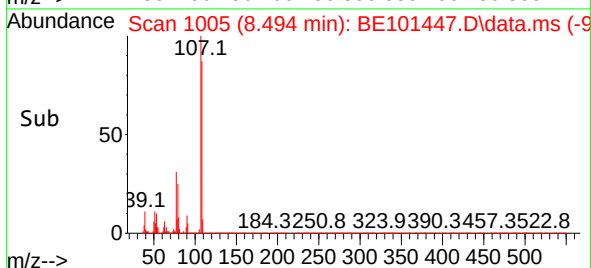
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

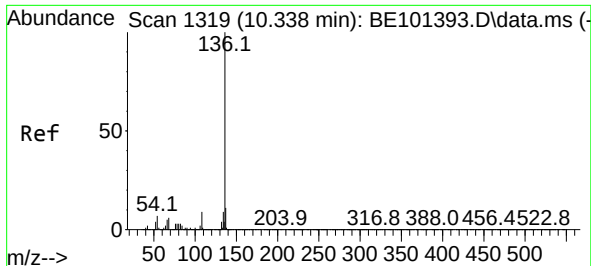


#20
3+4-Methylphenols
Concen: 46.435 ng
RT: 8.494 min Scan# 1005
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00



Tgt Ion:107 Resp: 262792
Ion Ratio Lower Upper
107 100
108 88.4 70.6 110.6
77 31.7 11.3 51.3
79 25.9 7.3 47.3





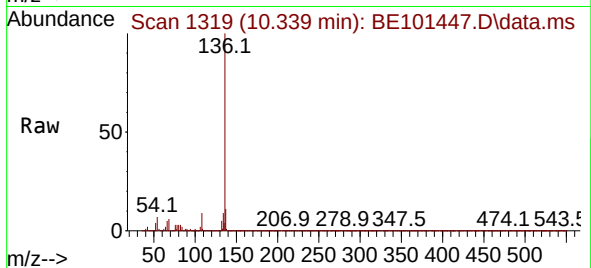
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.339 min Scan# 1319
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD



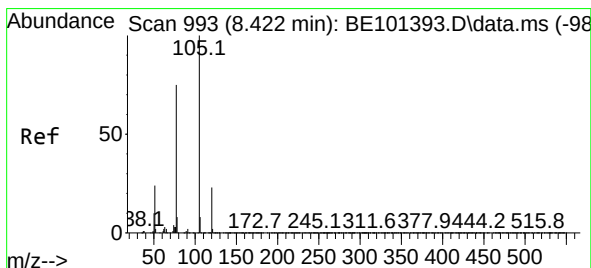
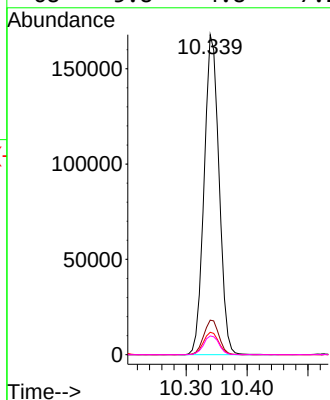
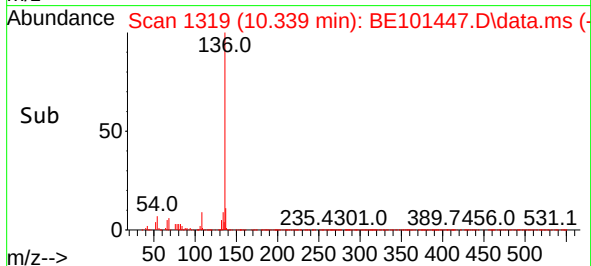
Tgt Ion:136 Resp: 28507
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.0 5.9 8.9
68 5.8 4.8 7.2

Manual Integrations

APPROVED

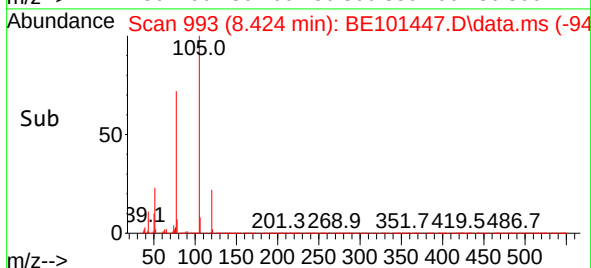
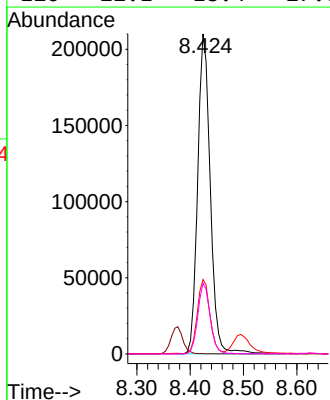
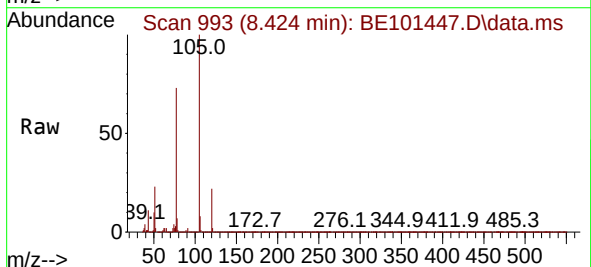
Reviewed By :Yogesh Patel 11/04/2024

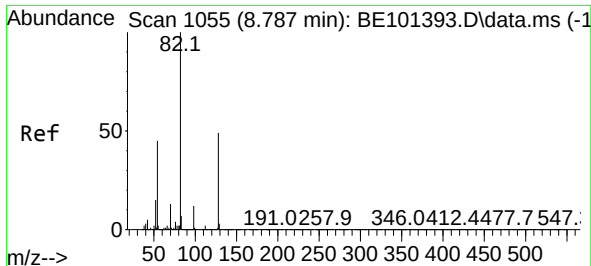
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 53.277 ng
RT: 8.424 min Scan# 993
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:105 Resp: 344859
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 23.3 19.4 29.0
120 22.1 18.4 27.6





#23
Nitrobenzene-d5
Concen: 80.938 ng
RT: 8.782 min Scan# 1055
Delta R.T. -0.004 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

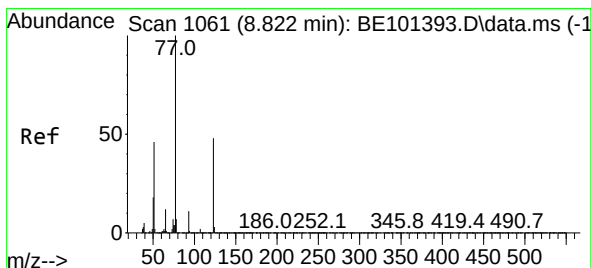
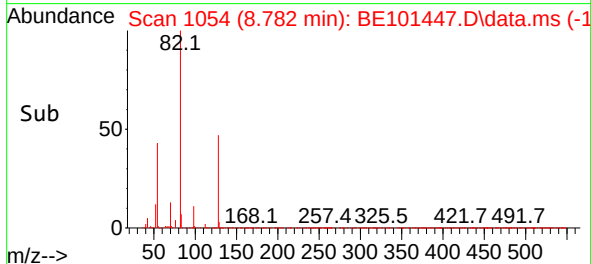
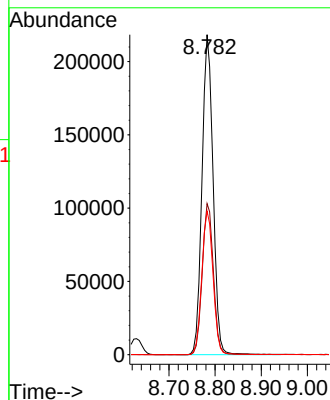
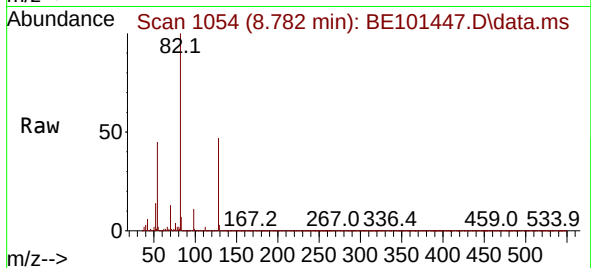
Tgt Ion: 82 Resp: 367359
Ion Ratio Lower Upper
82 100
128 47.2 38.9 58.3
54 44.9 36.2 54.4

Manual Integrations

APPROVED

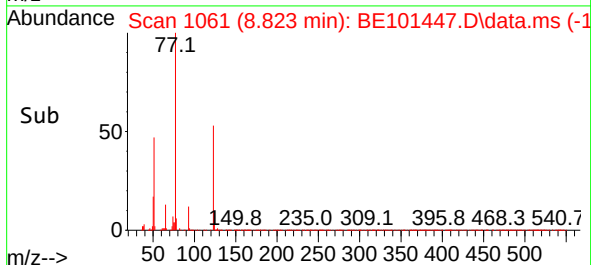
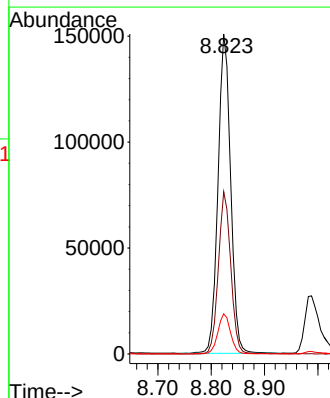
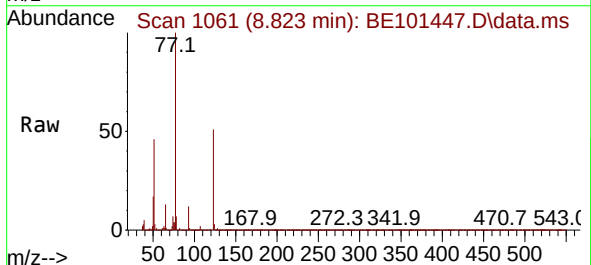
Reviewed By :Yogesh Patel 11/04/2024

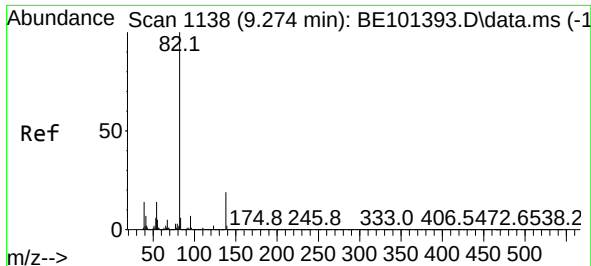
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 51.208 ng
RT: 8.823 min Scan# 1061
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

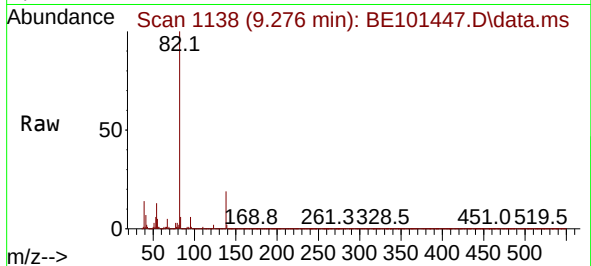
Tgt Ion: 77 Resp: 247375
Ion Ratio Lower Upper
77 100
123 50.7 38.7 58.1
65 12.5 10.0 15.0





#25
Isophorone
Concen: 50.077 ng
RT: 9.276 min Scan# 1138
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

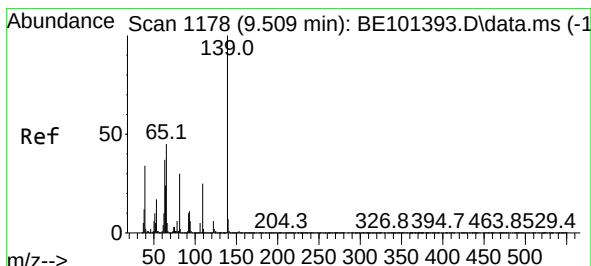
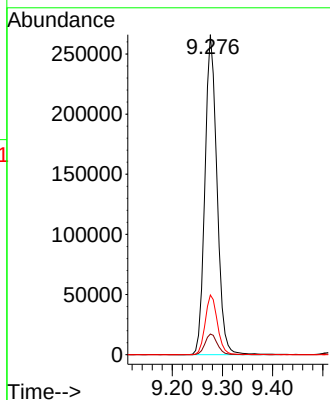
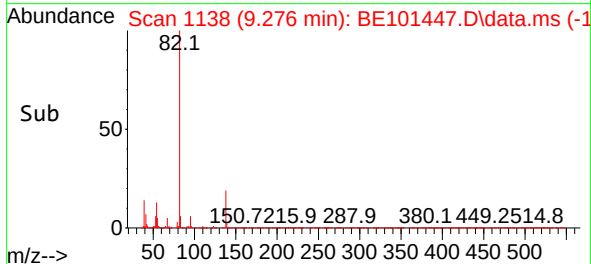
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



Tgt Ion: 82 Resp: 44353
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 18.7 15.0 22.4

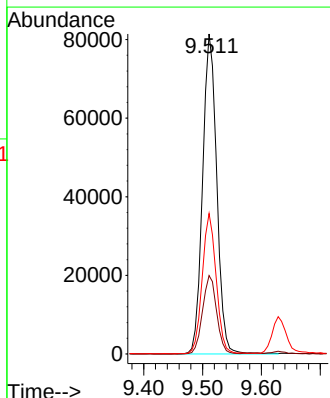
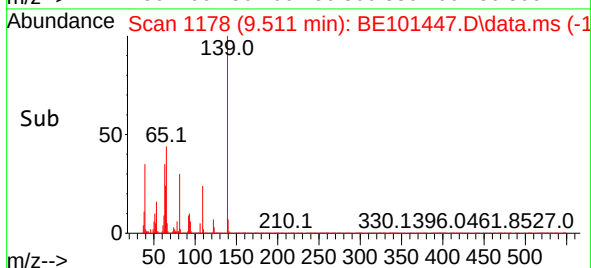
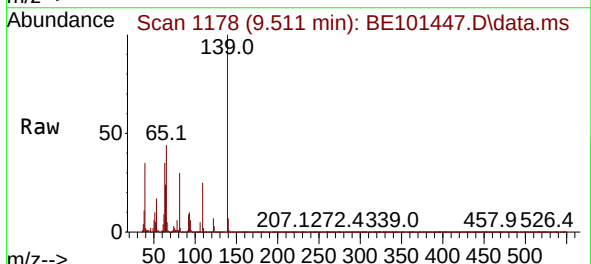
Manual Integrations
APPROVED

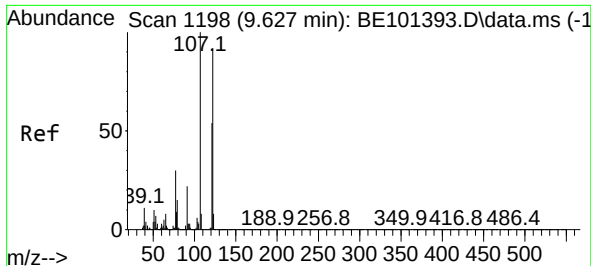
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 58.052 ng
RT: 9.511 min Scan# 1178
Delta R.T. 0.001 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:139 Resp: 135543
Ion Ratio Lower Upper
139 100
109 24.5 20.1 30.1
65 43.9 36.0 54.0





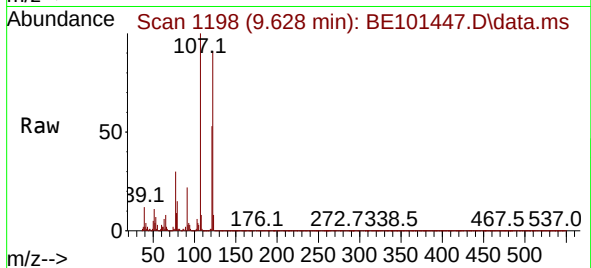
#27
2,4-Dimethylphenol
Concen: 64.507 ng
RT: 9.628 min Scan# 1198
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD



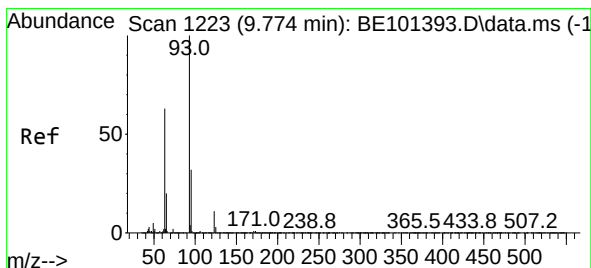
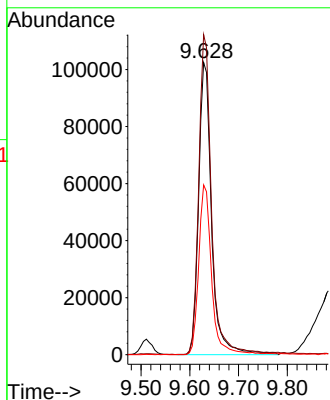
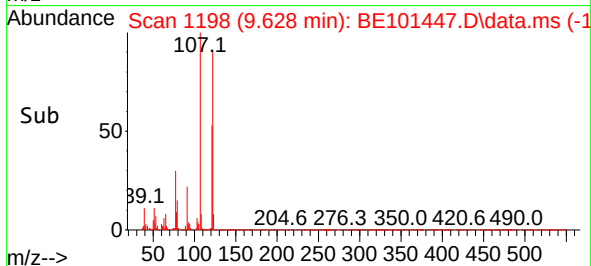
Tgt Ion: 122 Resp: 18952
Ion Ratio Lower Upper
122 100
107 109.5 87.4 131.0
121 58.1 47.4 71.0

Manual Integrations

APPROVED

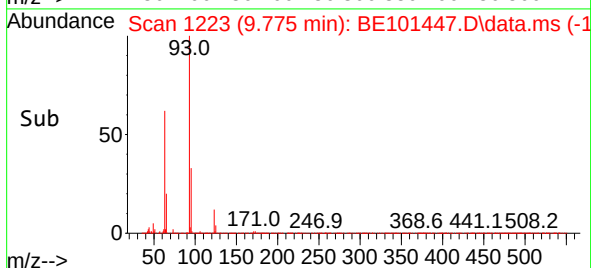
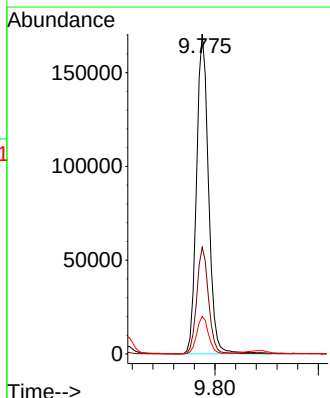
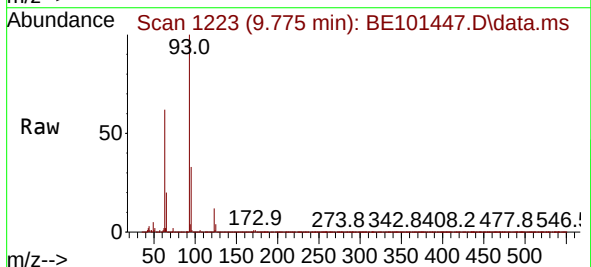
Reviewed By :Yogesh Patel 11/04/2024

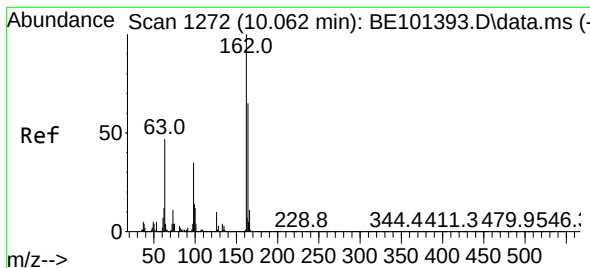
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.150 ng
RT: 9.775 min Scan# 1223
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion: 93 Resp: 274742
Ion Ratio Lower Upper
93 100
95 33.4 25.8 38.6
123 11.7 8.6 13.0





#29
2,4-Dichlorophenol
Concen: 54.419 ng
RT: 10.063 min Scan# 1272
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

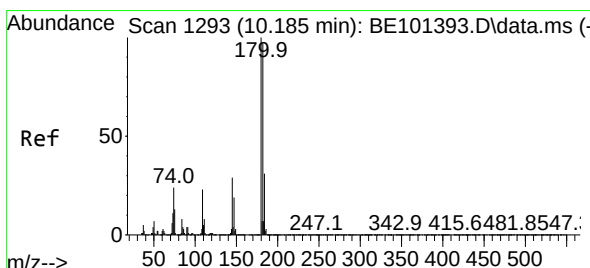
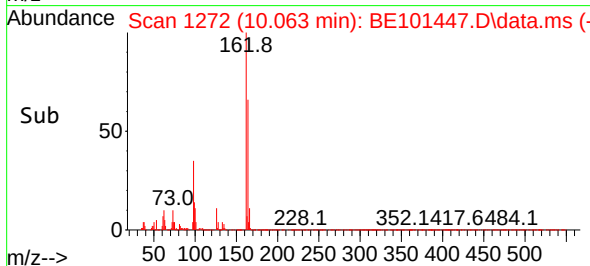
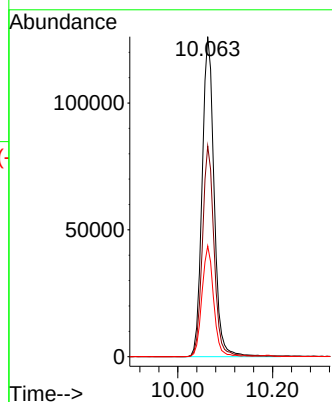
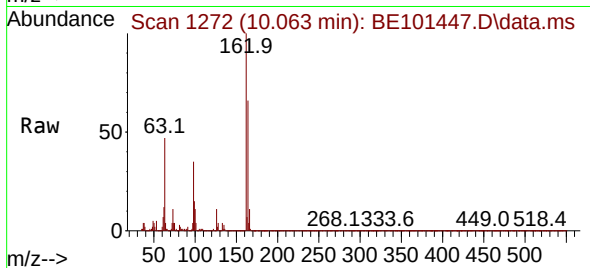
BP-F10MSD

Tgt Ion:162 Resp: 221194
Ion Ratio Lower Upper
162 100
164 65.8 45.4 85.4
98 34.6 14.5 54.5

Manual Integrations

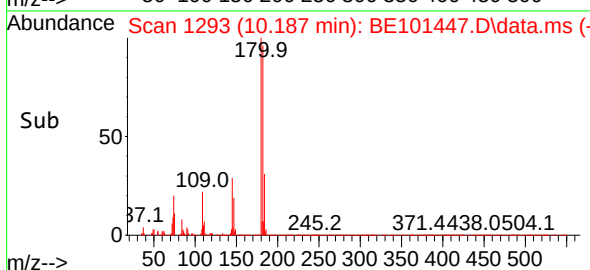
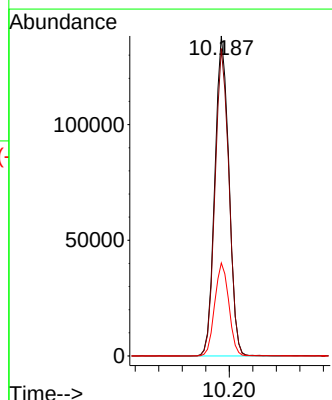
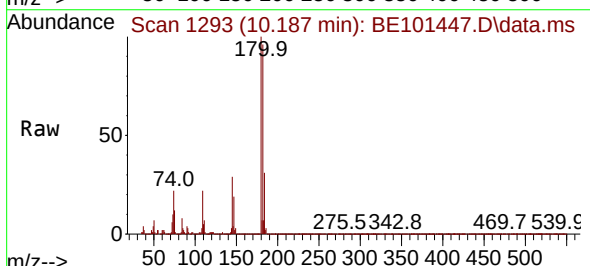
APPROVED

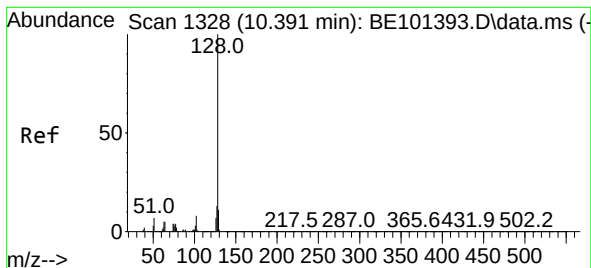
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 51.754 ng
RT: 10.187 min Scan# 1293
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:180 Resp: 229164
Ion Ratio Lower Upper
180 100
182 96.1 77.4 116.0
145 29.0 23.3 34.9





#31
Naphthalene
Concen: 50.861 ng
RT: 10.392 min Scan# 11
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

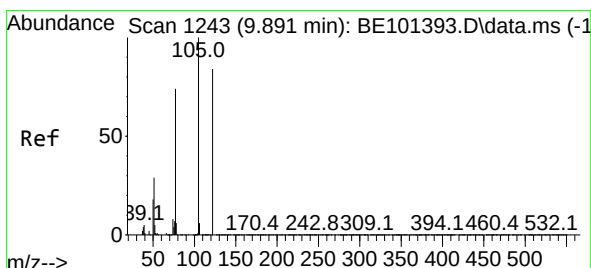
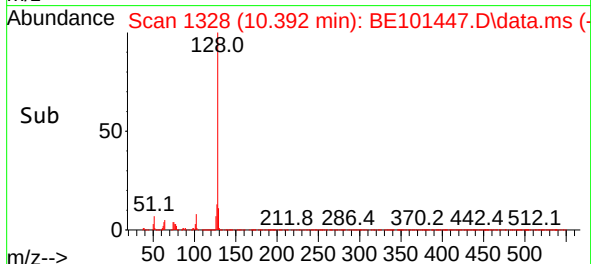
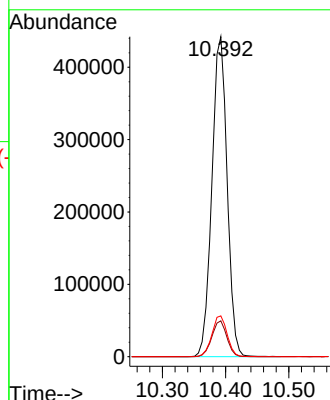
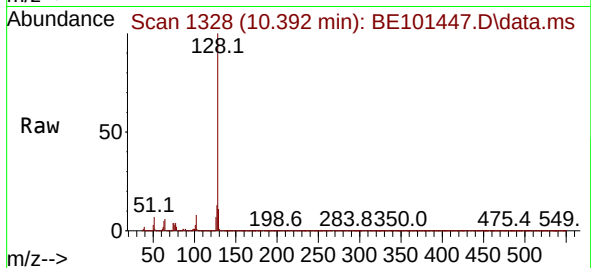
Tgt Ion:128 Resp: 73887
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.8 10.3 15.5

Manual Integrations

APPROVED

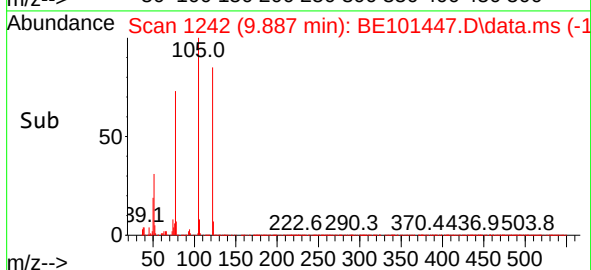
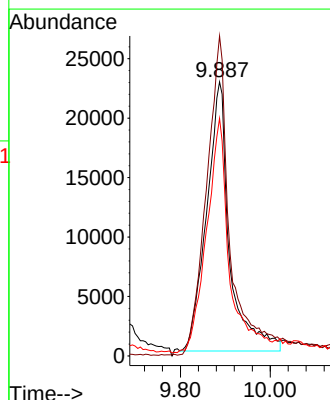
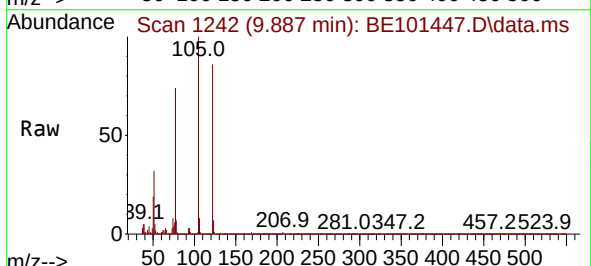
Reviewed By :Yogesh Patel 11/04/2024

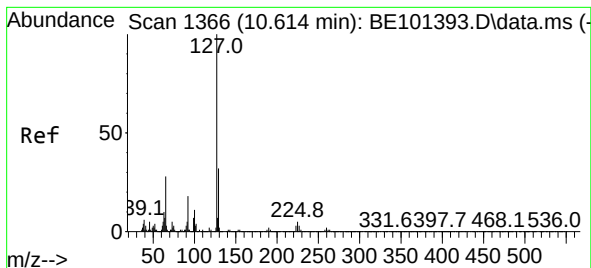
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 30.317 ng
RT: 9.887 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:122 Resp: 80595
Ion Ratio Lower Upper
122 100
105 116.7 97.9 137.9
77 86.7 68.1 108.1





#33
4-Chloroaniline
Concen: 29.086 ng
RT: 10.615 min Scan# 1366
Delta R.T. 0.001 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

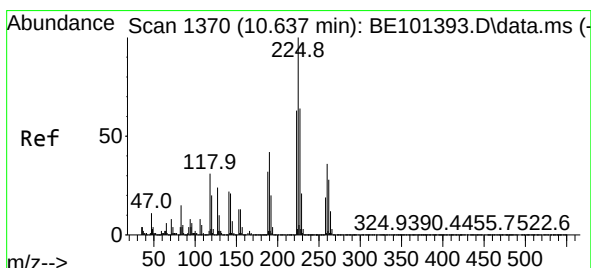
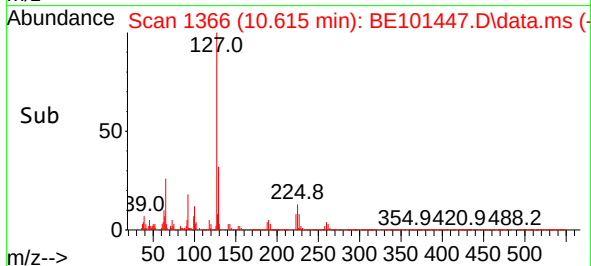
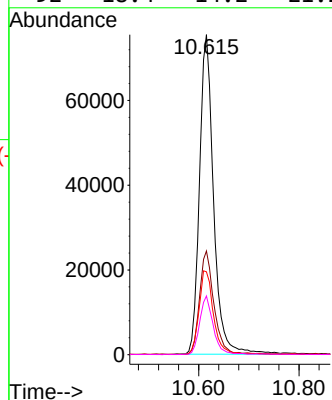
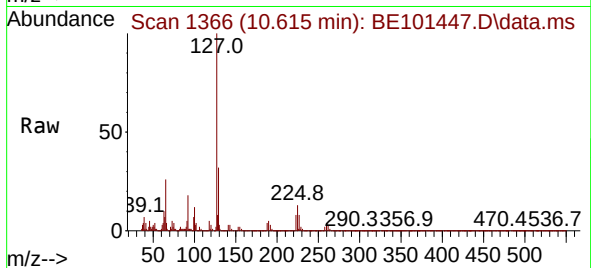
BP-F10MSD

Tgt Ion:	127	Resp:	146929
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	25.9	22.2	33.4
92	18.4	14.2	21.2

Manual Integrations

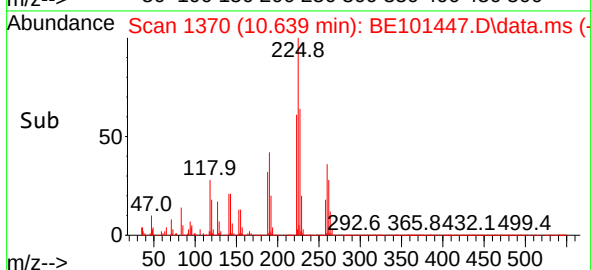
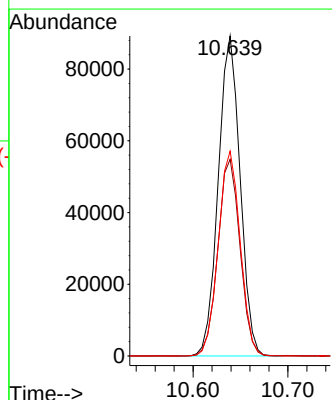
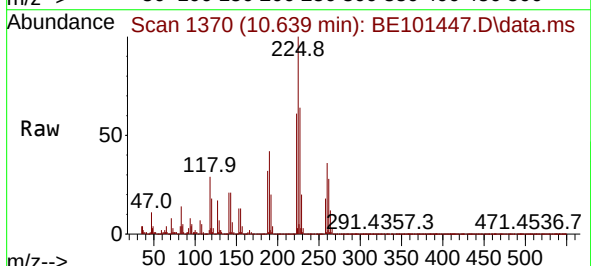
APPROVED

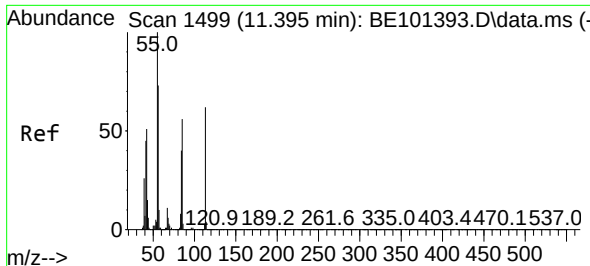
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 54.518 ng
RT: 10.639 min Scan# 1370
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

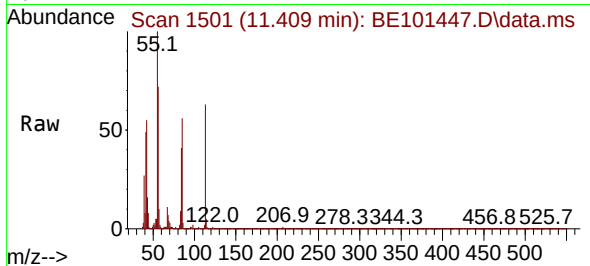
Tgt Ion:	225	Resp:	142890
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.5	75.7
227	64.0	51.0	76.6





#35
Caprolactam
Concen: 43.256 ng/ml
RT: 11.409 min Scan# 1499
Delta R.T. 0.013 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

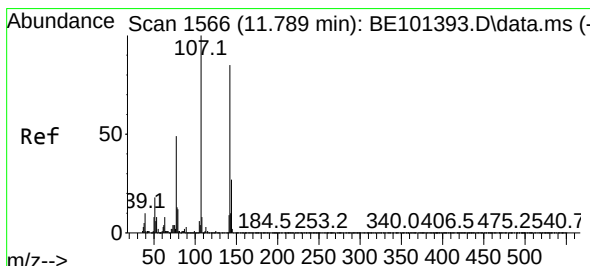
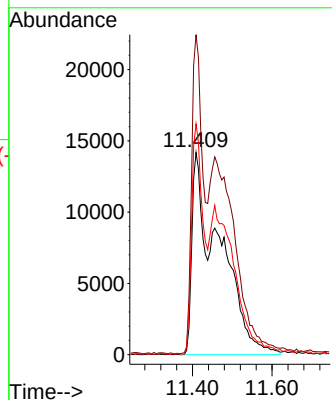
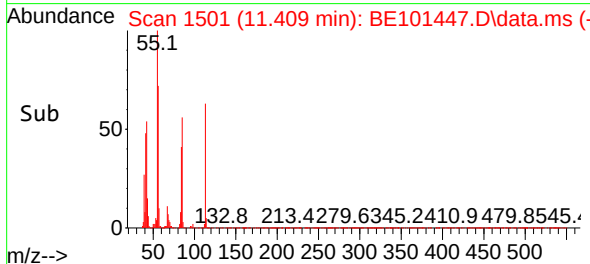
Instrument :
BNA_E
Client Sample Id :
BP-F10MSD



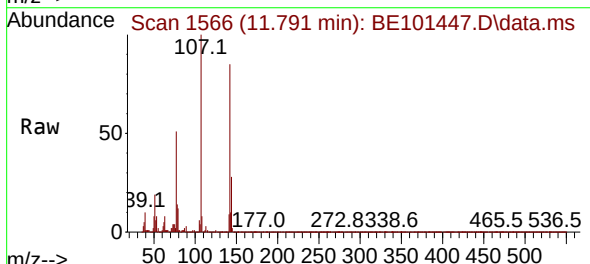
Tgt Ion: 113 Resp: 67390
Ion Ratio Lower Upper
113 100
55 158.2 141.2 181.2
56 114.1 96.9 136.9

Manual Integrations
APPROVED

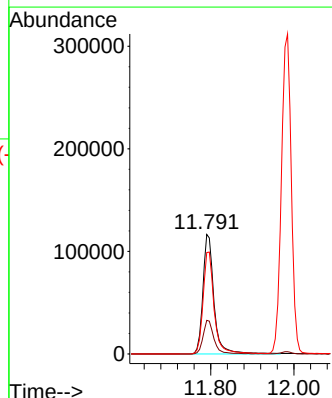
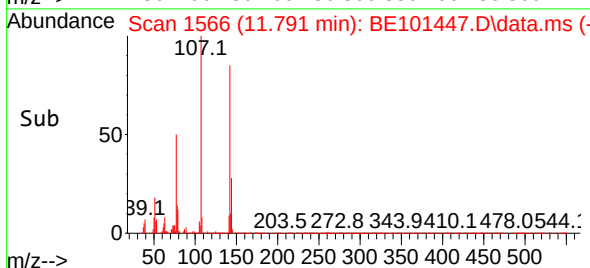
Reviewed By : Yogesh Patel 11/04/2024
Supervised By : mohammad ahmed 11/04/2024

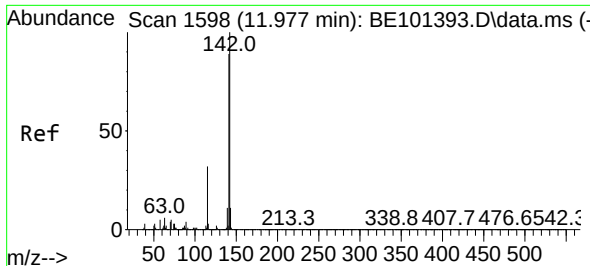


#36
4-Chloro-3-methylphenol
Concen: 46.355 ng/ml
RT: 11.791 min Scan# 1566
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00



Tgt Ion: 107 Resp: 214530
Ion Ratio Lower Upper
107 100
144 28.0 21.9 32.9
142 84.9 68.0 102.0





#37
2-Methylnaphthalene
Concen: 48.994 ng
RT: 11.984 min Scan# 1598
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

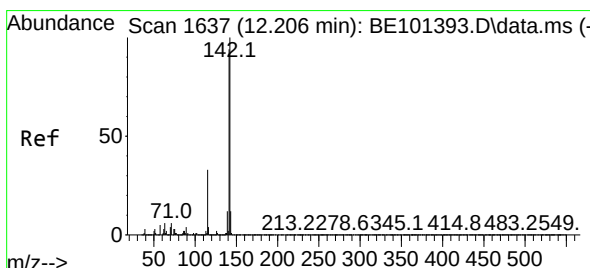
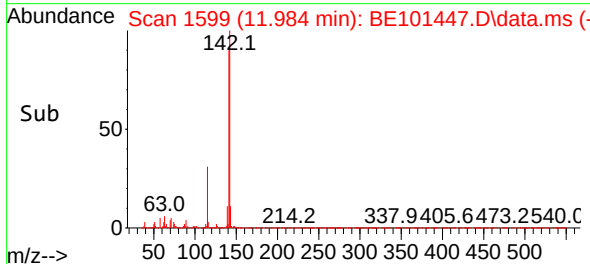
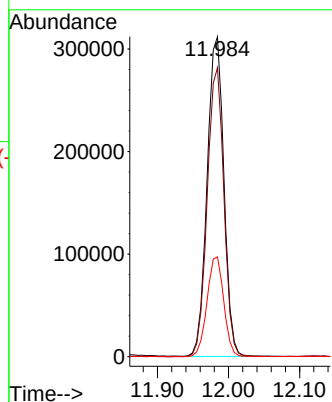
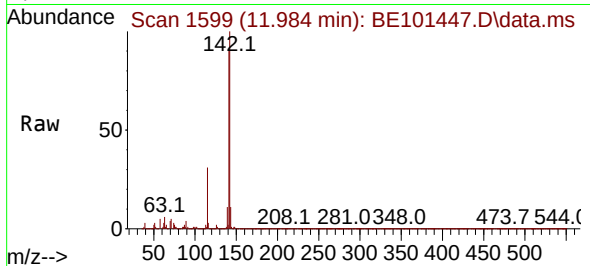
ClientSampleId :

BP-F10MSD

Tgt Ion:142 Resp: 51278
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2
115 31.2 25.6 38.4

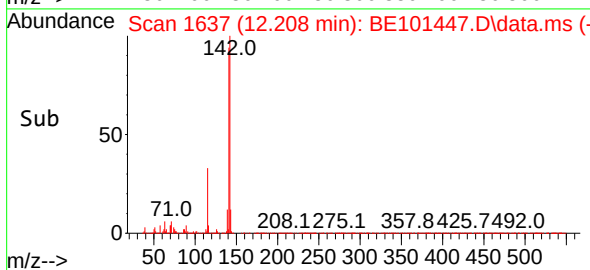
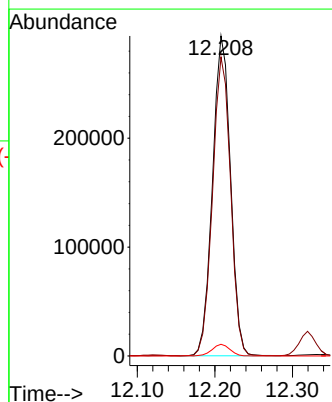
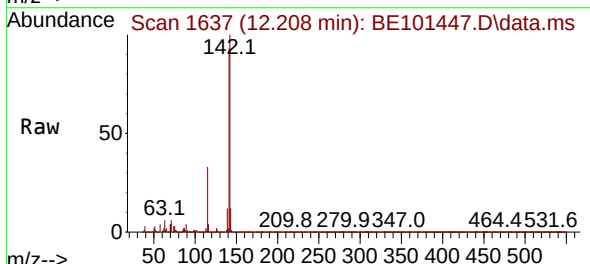
Manual Integrations
APPROVED

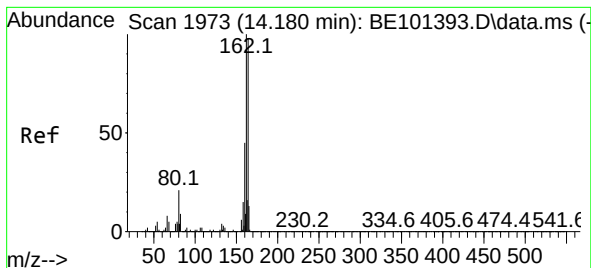
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#38
1-Methylnaphthalene
Concen: 45.340 ng
RT: 12.208 min Scan# 1637
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:142 Resp: 473602
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.182 min Scan# 1973

Delta R.T. 0.002 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:164 Resp: 16674

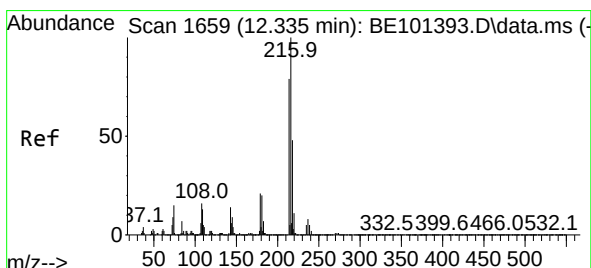
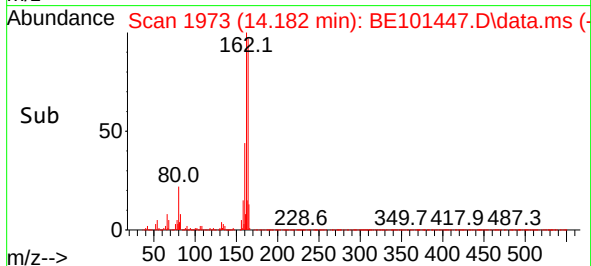
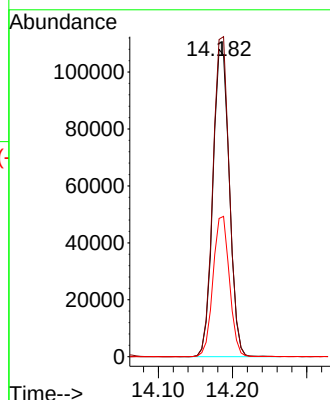
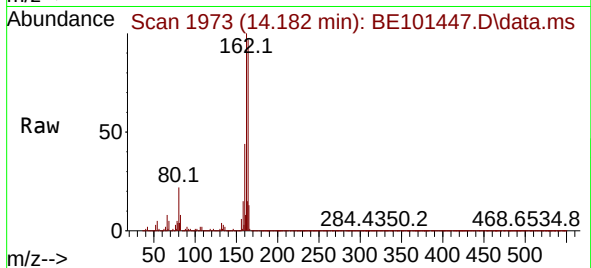
Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.3	121.9
160	45.0	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.090 ng

RT: 12.343 min Scan# 1660

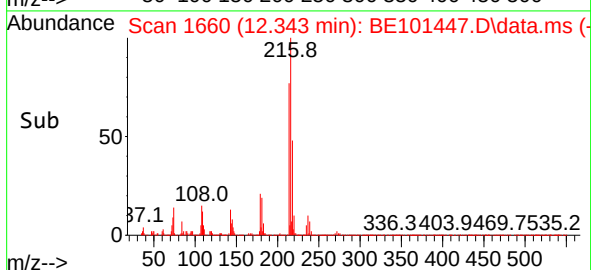
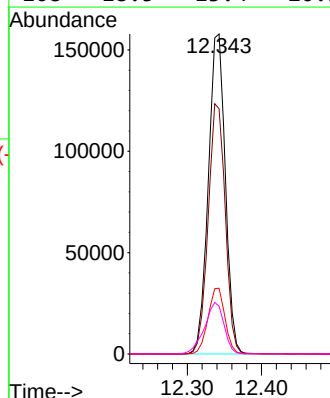
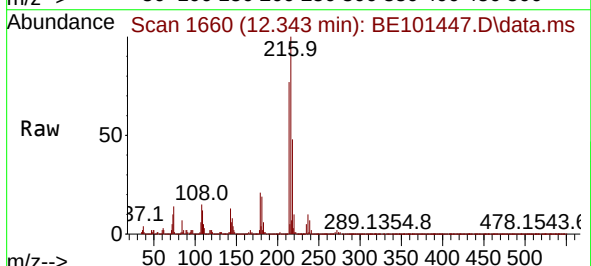
Delta R.T. 0.007 min

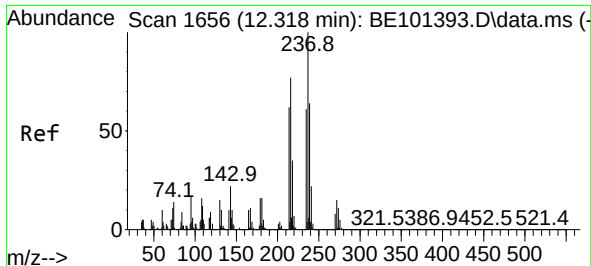
Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Tgt Ion:216 Resp: 251522

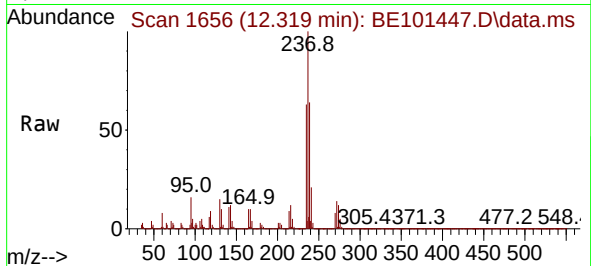
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.4
179	20.5	16.7	25.1
108	18.5	13.4	20.2





#41
Hexachlorocyclopentadiene
Concen: 229.478 ng
RT: 12.319 min Scan# 1656
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

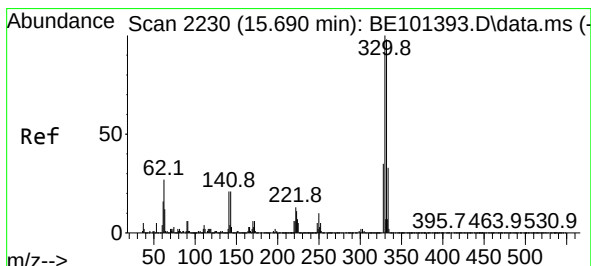
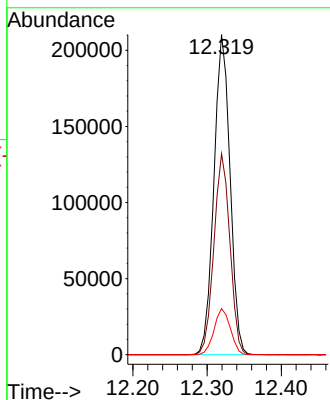
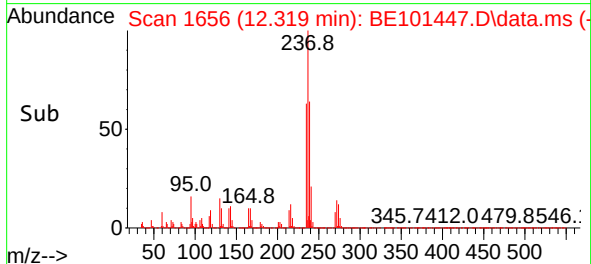
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



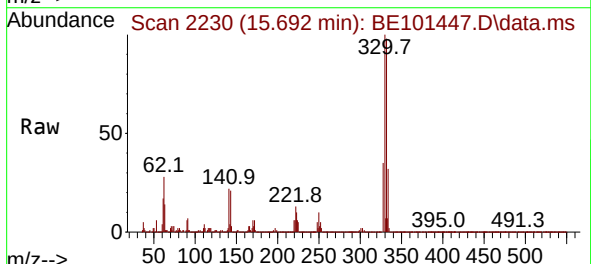
Tgt Ion:237 Resp: 31723
Ion Ratio Lower Upper
237 100
235 62.8 41.3 81.3
272 14.4 0.0 34.6

Manual Integrations
APPROVED

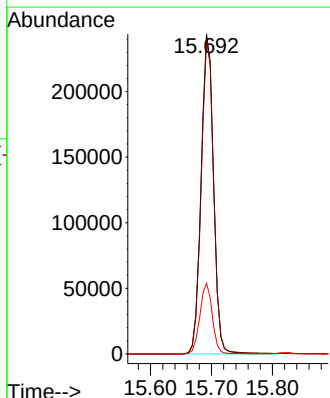
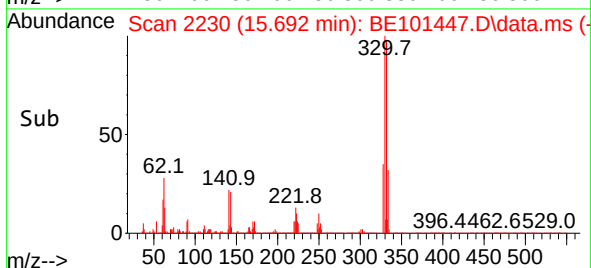
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

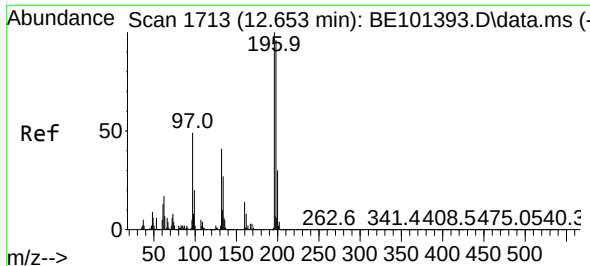


#42
2,4,6-Tribromophenol
Concen: 118.638 ng
RT: 15.692 min Scan# 2230
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00



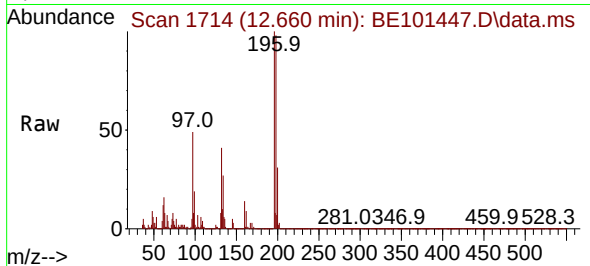
Tgt Ion:330 Resp: 346712
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 22.1 18.3 27.5





#43
2,4,6-Trichlorophenol
Concen: 59.606 ng
RT: 12.660 min Scan# 1714
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

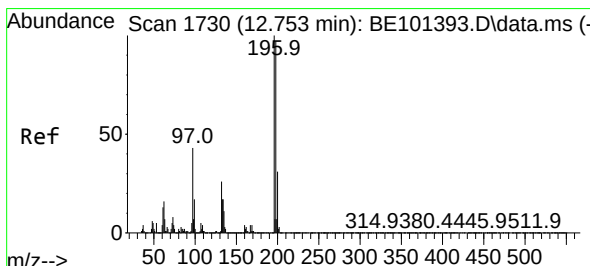
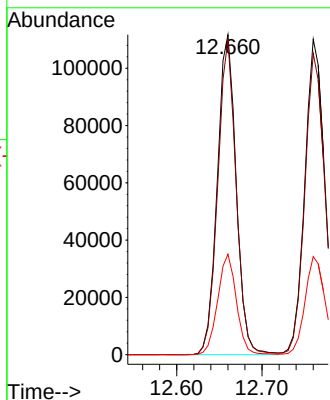
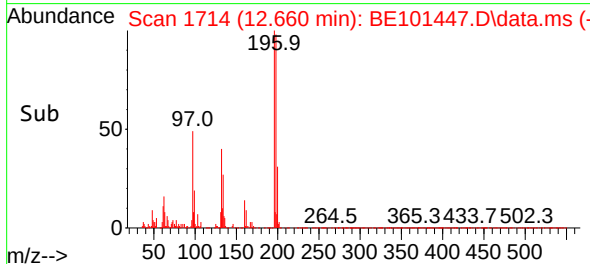
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



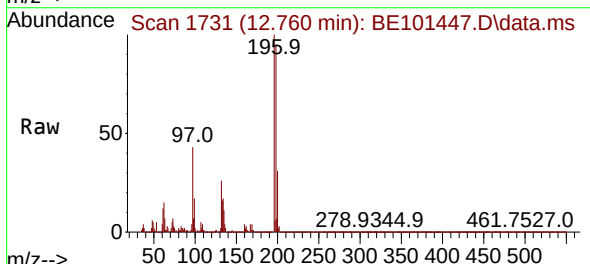
Tgt Ion:196 Resp: 171999
Ion Ratio Lower Upper
196 100
198 98.5 76.6 115.0
200 31.4 24.1 36.1

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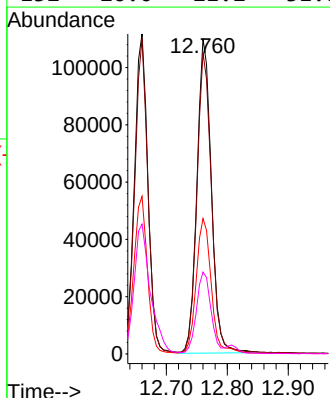
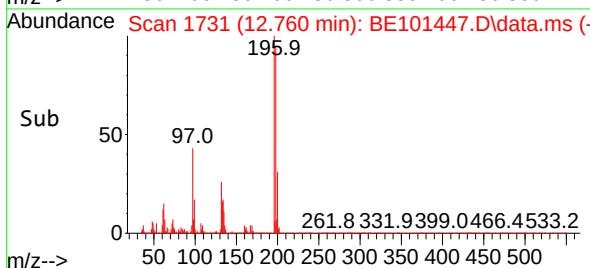
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

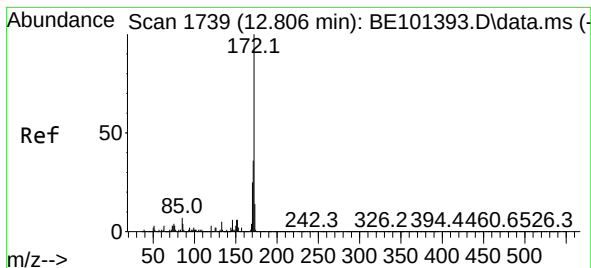


#44
2,4,5-Trichlorophenol
Concen: 54.822 ng
RT: 12.760 min Scan# 1731
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00



Tgt Ion:196 Resp: 181161
Ion Ratio Lower Upper
196 100
198 95.4 77.4 116.0
97 42.9 34.8 52.2
132 26.0 21.2 31.8





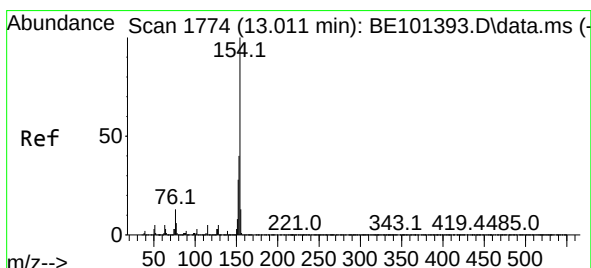
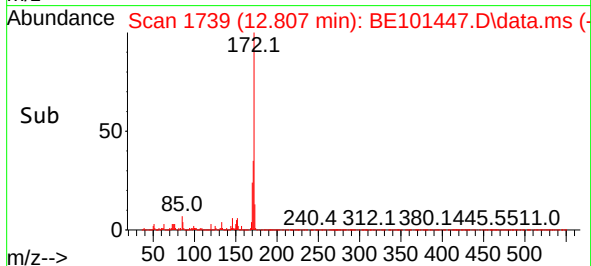
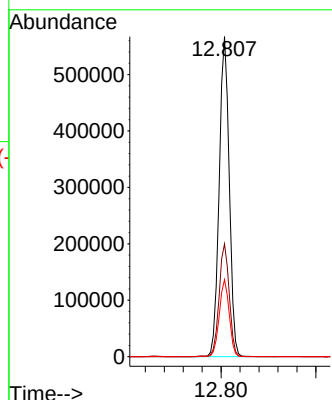
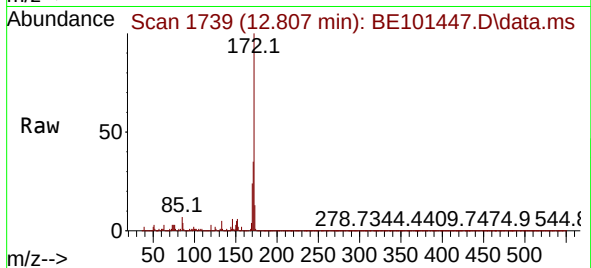
#45
2-Fluorobiphenyl
Concen: 84.521 ng
RT: 12.807 min Scan# 1739
Delta R.T. 0.001 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:172 Resp: 83217
Ion Ratio Lower Upper
172 100
171 35.3 29.2 43.8
170 24.0 19.8 29.6

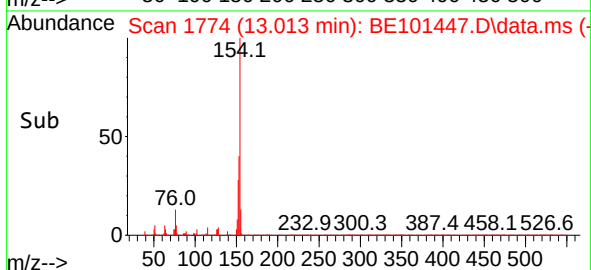
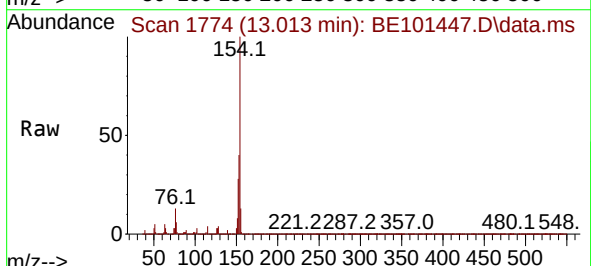
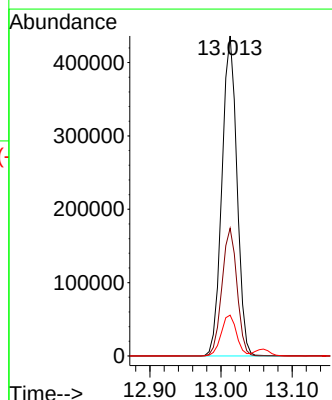
Manual Integrations
APPROVED

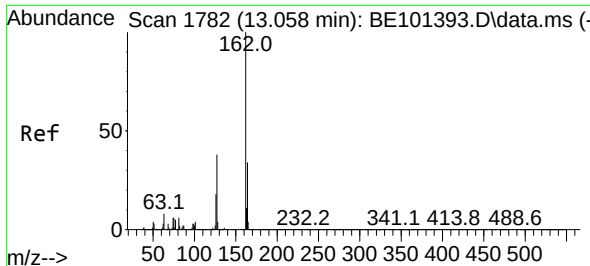
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#46
1,1'-Biphenyl
Concen: 55.727 ng
RT: 13.013 min Scan# 1774
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:154 Resp: 636604
Ion Ratio Lower Upper
154 100
153 39.9 20.3 60.3
76 12.7 0.0 32.6





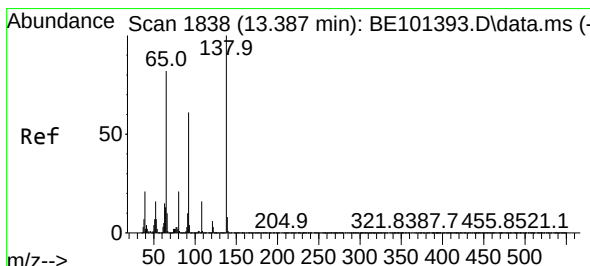
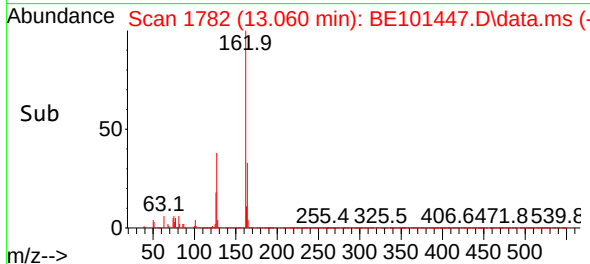
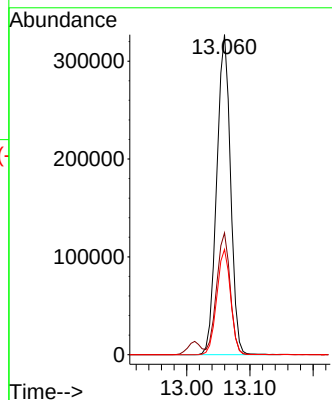
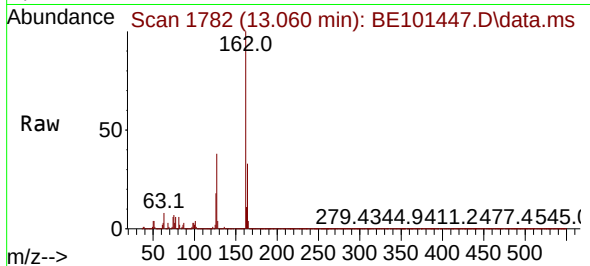
#47
2-Chloronaphthalene
Concen: 54.839 ng
RT: 13.060 min Scan# 1782
Delta R.T. 0.001 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:162 Resp: 49494
Ion Ratio Lower Upper
162 100
127 38.1 30.4 45.6
164 32.9 27.0 40.6

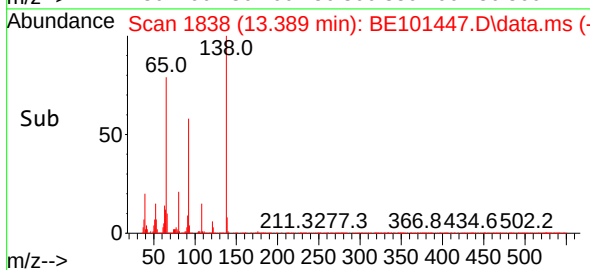
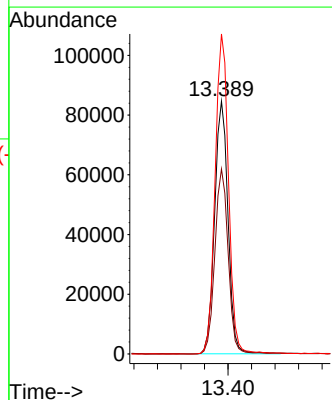
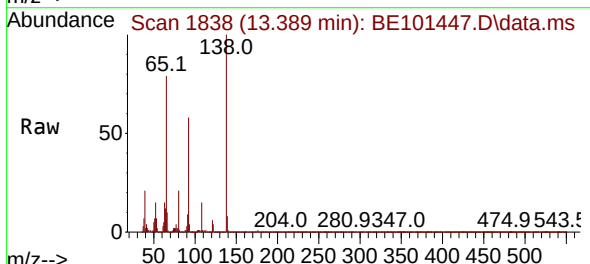
Manual Integrations
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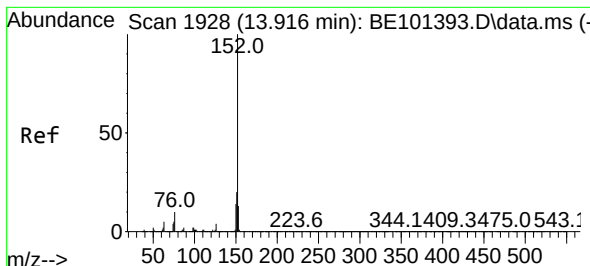
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#48
2-Nitroaniline
Concen: 55.137 ng
RT: 13.389 min Scan# 1838
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion: 65 Resp: 133921
Ion Ratio Lower Upper
65 100
92 73.2 59.0 88.4
138 126.6 97.4 146.0





#49

Acenaphthylene

Concen: 58.664 ng

RT: 13.917 min Scan# 1928

Delta R.T. 0.001 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

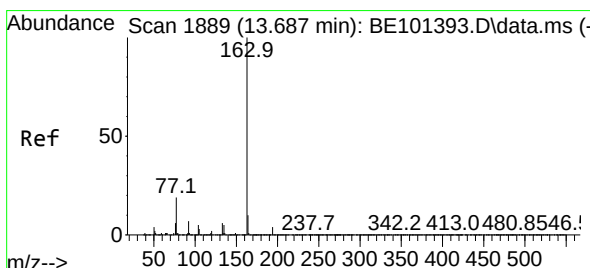
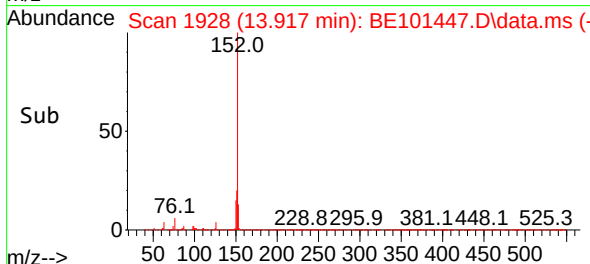
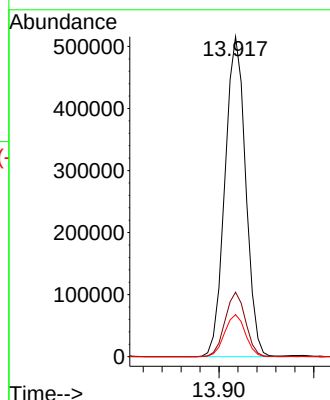
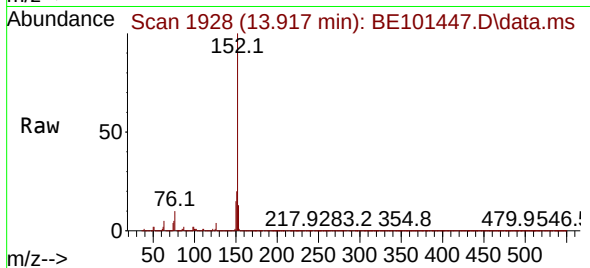
Tgt Ion:	152	Resp:	782989
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	13.2	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#50

Dimethylphthalate

Concen: 51.519 ng

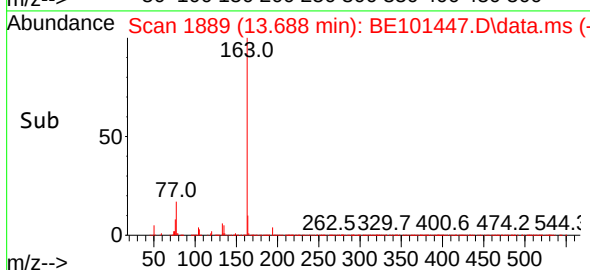
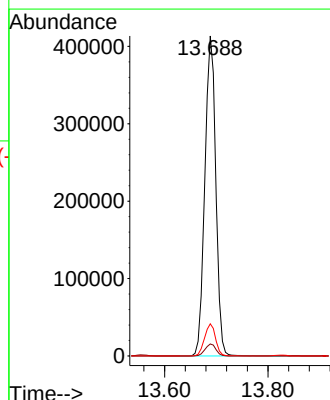
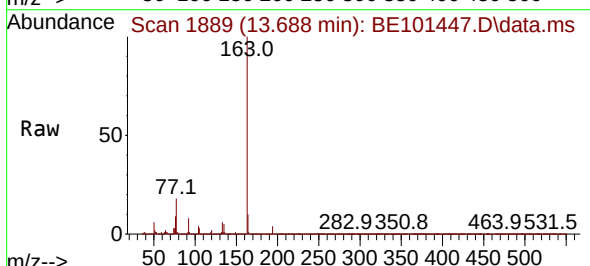
RT: 13.688 min Scan# 1889

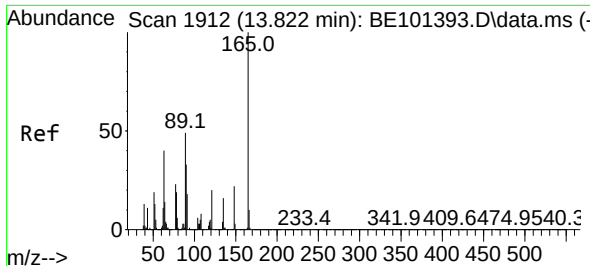
Delta R.T. 0.002 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Tgt Ion:	163	Resp:	606362
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	10.1	8.4	12.6





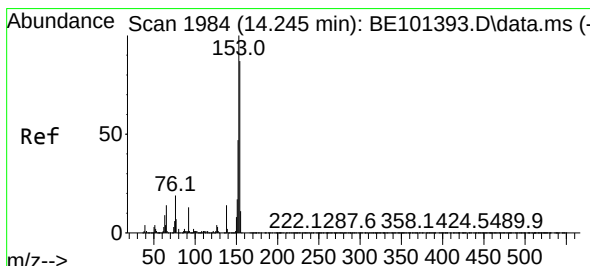
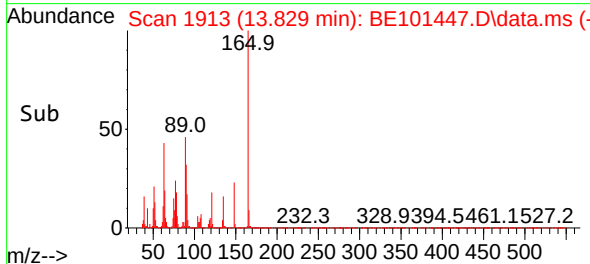
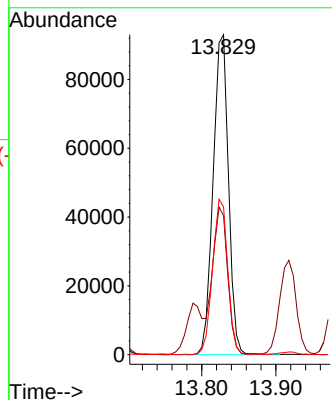
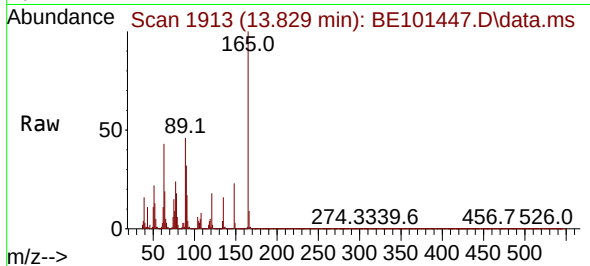
#51
2,6-Dinitrotoluene
Concen: 49.131 ng
RT: 13.829 min Scan# 1912
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:165 Resp: 133500
Ion Ratio Lower Upper
165 100
63 43.4 38.0 57.0
89 46.2 39.5 59.3

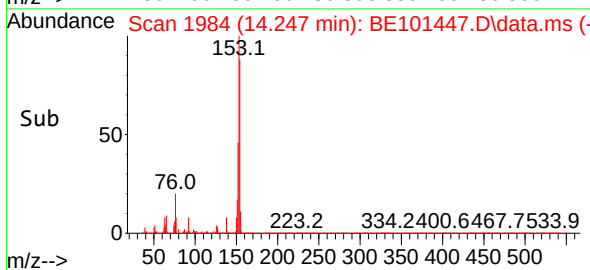
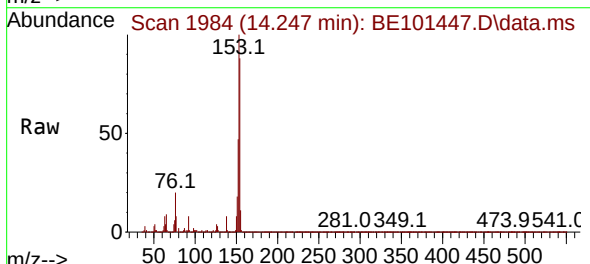
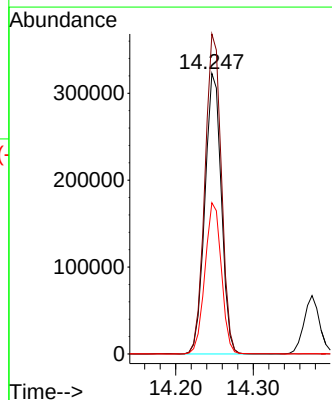
Manual Integrations
APPROVED

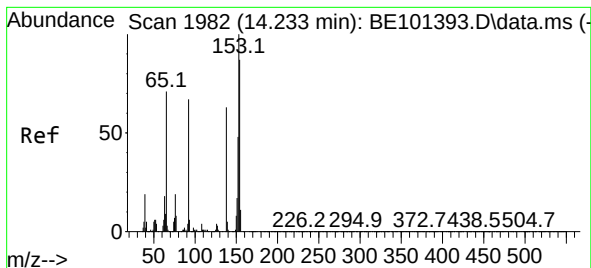
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 54.370 ng
RT: 14.247 min Scan# 1984
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:154 Resp: 473850
Ion Ratio Lower Upper
154 100
153 114.1 91.8 137.6
152 53.9 43.1 64.7





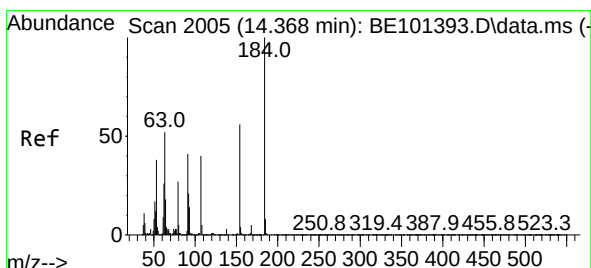
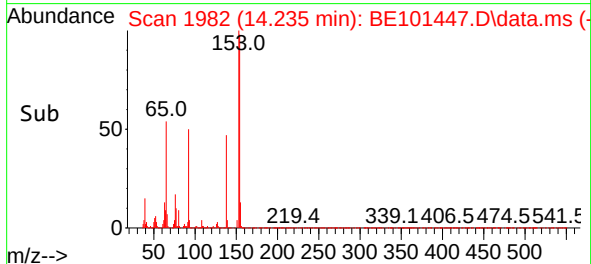
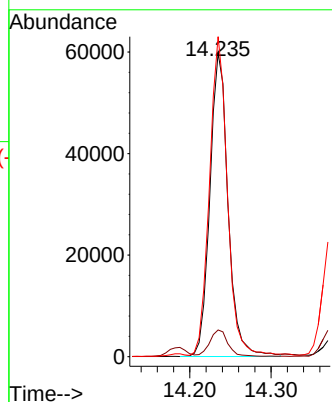
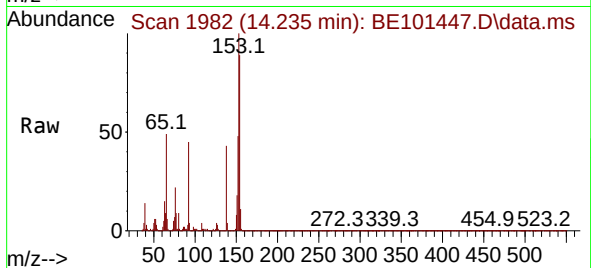
#53
3-Nitroaniline
Concen: 34.380 ng
RT: 14.235 min Scan# 1982
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:138 Resp: 9289
Ion Ratio Lower Upper
138 100
108 8.8 7.1 10.7
92 105.3 84.4 126.6

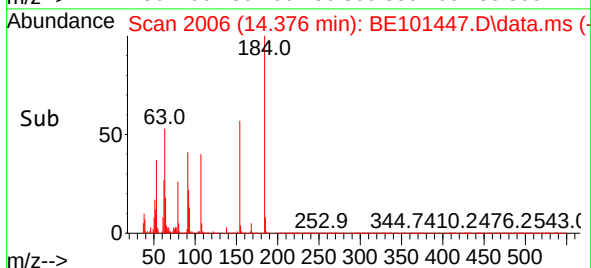
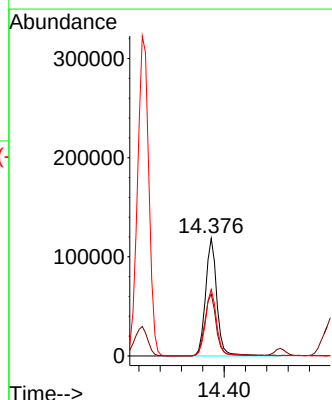
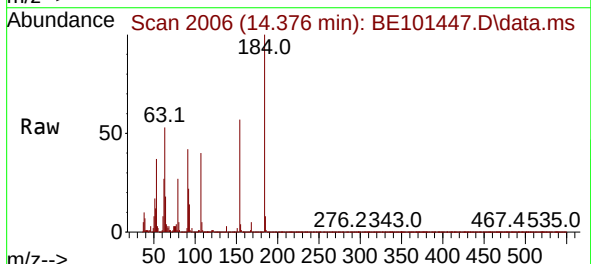
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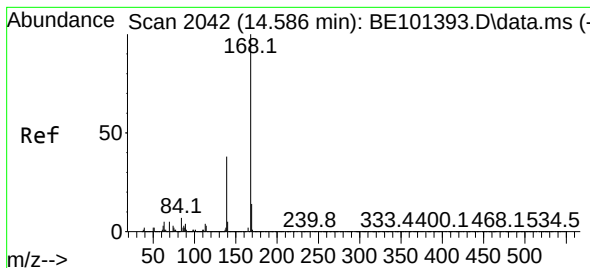
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 89.693 ng
RT: 14.376 min Scan# 2006
Delta R.T. 0.008 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:184 Resp: 174590
Ion Ratio Lower Upper
184 100
63 52.8 41.8 62.6
154 56.6 44.9 67.3





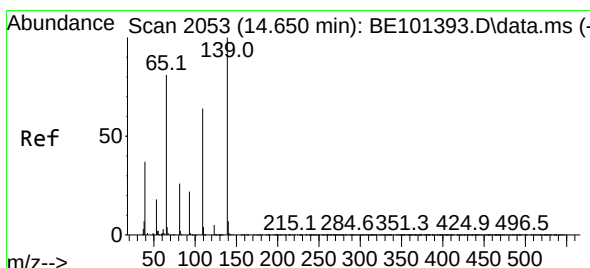
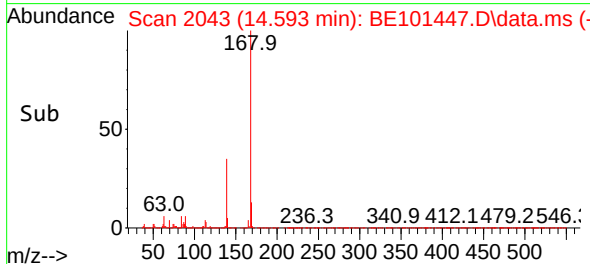
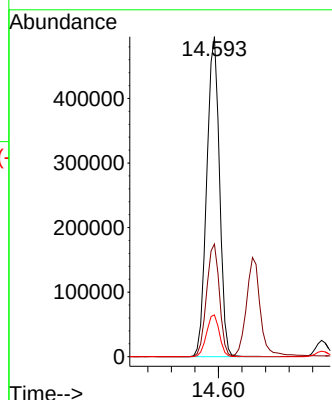
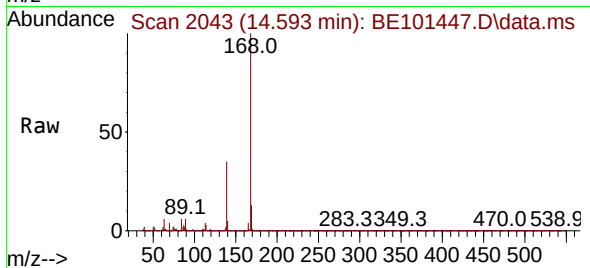
#55
Dibenzenofuran
Concen: 53.529 ng
RT: 14.593 min Scan# 2043
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:168 Resp: 74357
Ion Ratio Lower Upper
168 100
139 35.2 30.2 45.4
169 13.0 11.0 16.4

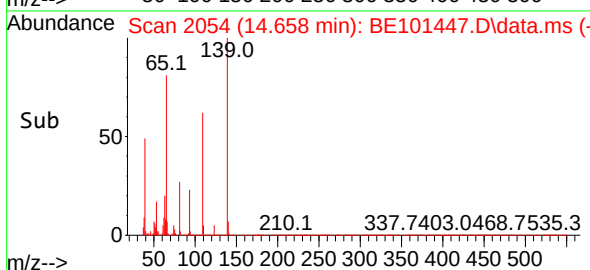
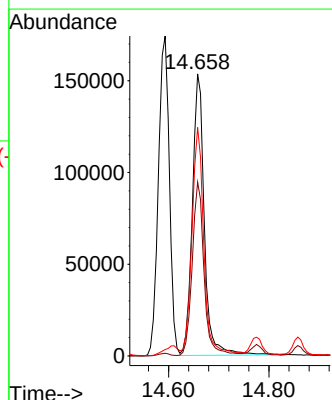
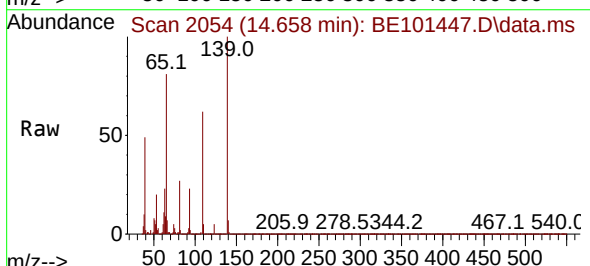
Manual Integrations
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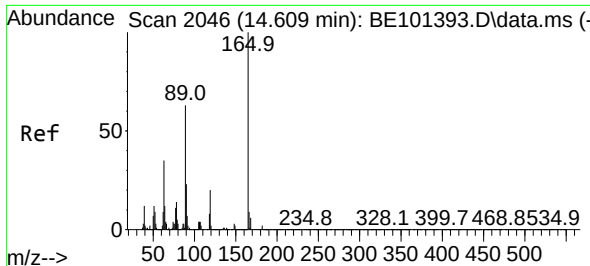
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 102.886 ng
RT: 14.658 min Scan# 2054
Delta R.T. 0.008 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:139 Resp: 254582
Ion Ratio Lower Upper
139 100
109 61.7 42.4 82.4
65 81.0 63.4 103.4





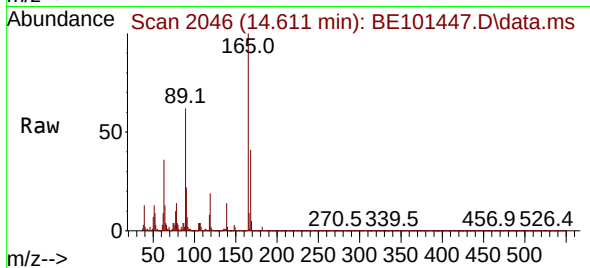
#57
2,4-Dinitrotoluene
Concen: 50.531 ng
RT: 14.611 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

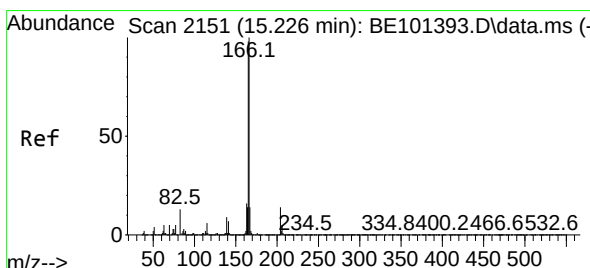
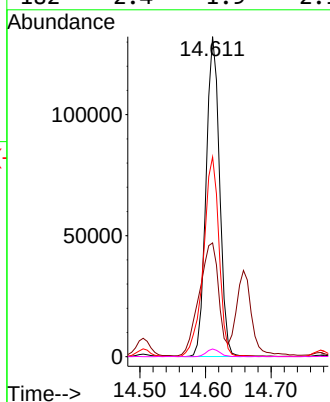
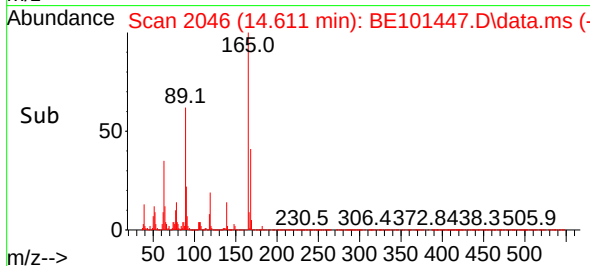


Tgt Ion:165 Resp: 189030
Ion Ratio Lower Upper
165 100
63 35.5 28.6 42.8
89 62.4 50.8 76.2
182 2.4 1.9 2.9

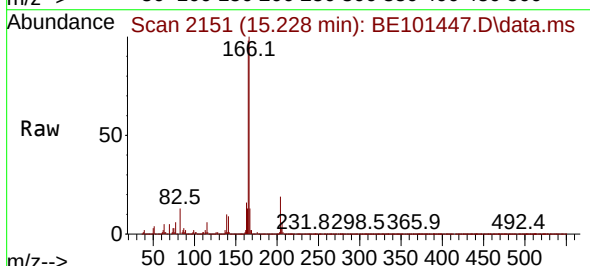
Manual Integrations

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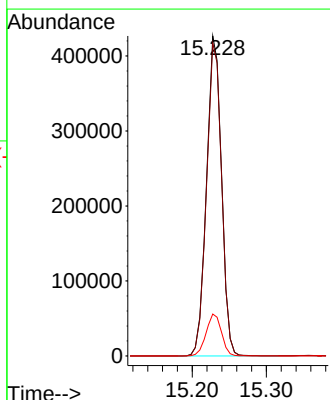
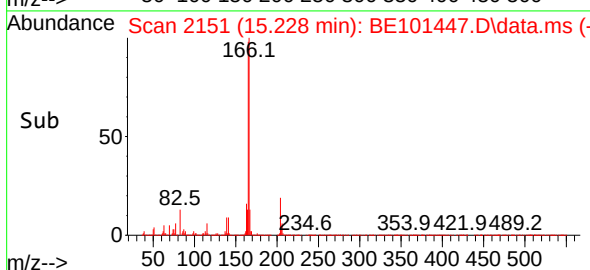
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

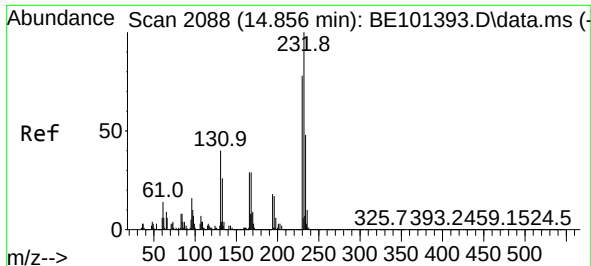


#58
Fluorene
Concen: 51.460 ng
RT: 15.228 min Scan# 2151
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00



Tgt Ion:166 Resp: 597993
Ion Ratio Lower Upper
166 100
165 97.8 78.7 118.1
167 13.1 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.828 ng
RT: 14.858 min Scan# 2088
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

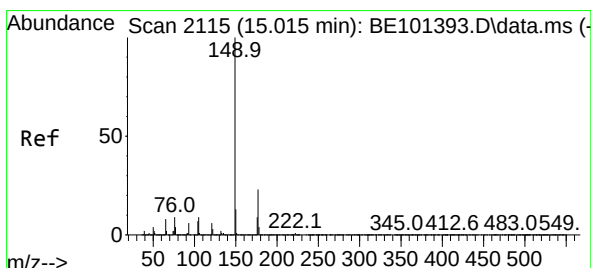
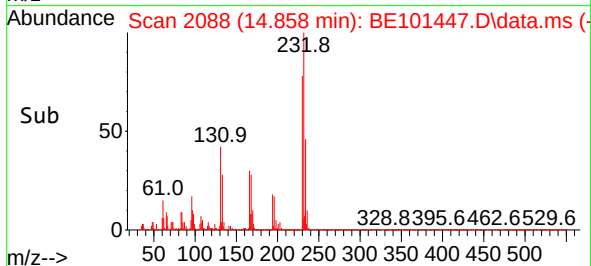
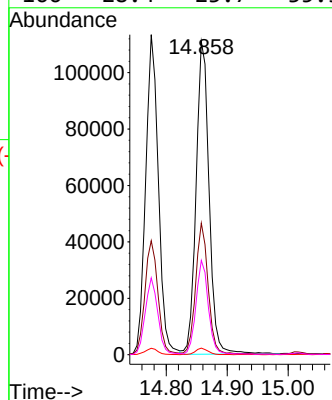
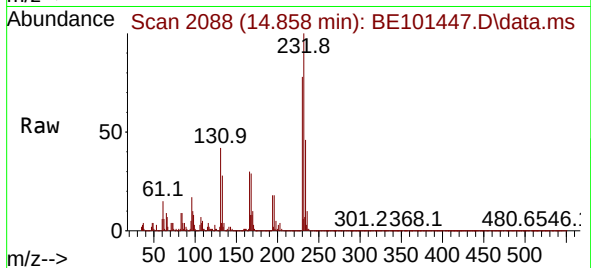
BP-F10MSD

Tgt Ion:232 Resp: 16434
Ion Ratio Lower Upper
232 100
131 40.4 33.5 50.3
130 2.1 1.6 2.4
166 28.4 23.7 35.5

Manual Integrations

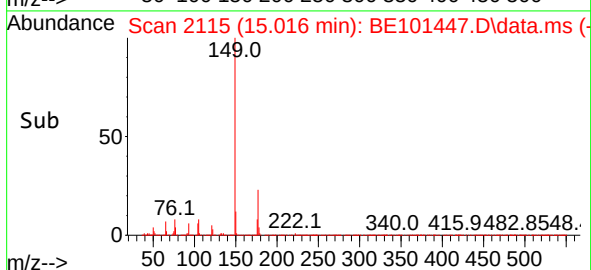
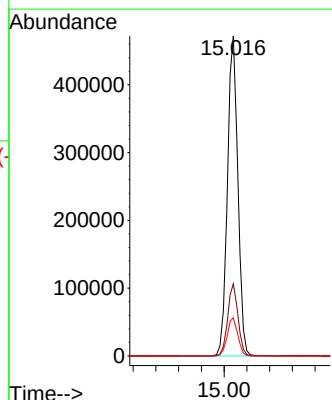
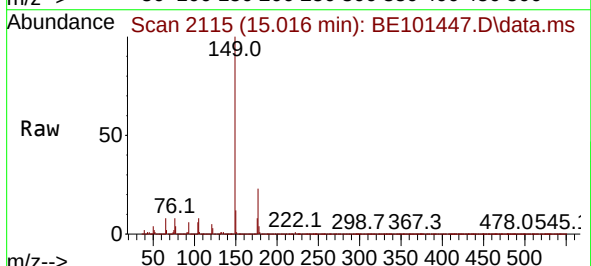
APPROVED

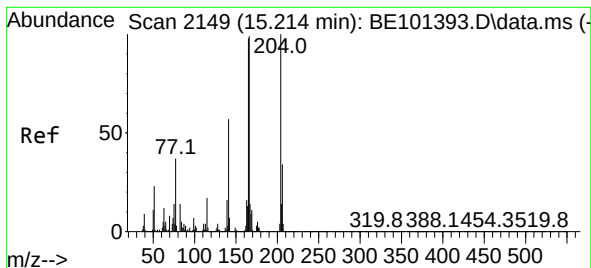
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#60
Diethylphthalate
Concen: 49.104 ng
RT: 15.016 min Scan# 2115
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:149 Resp: 604515
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 11.9 10.3 15.5





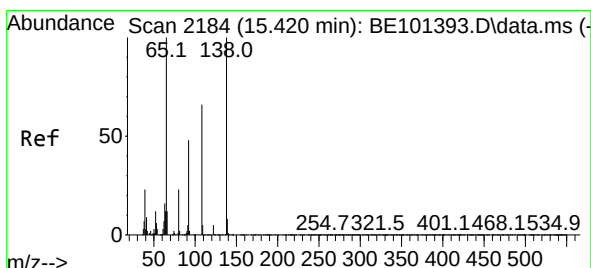
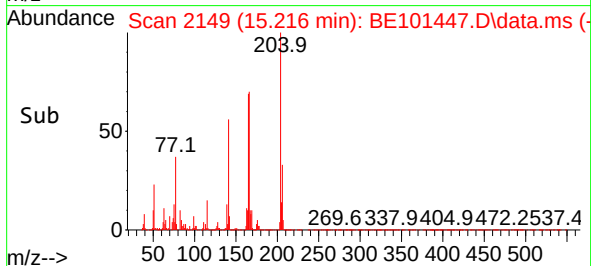
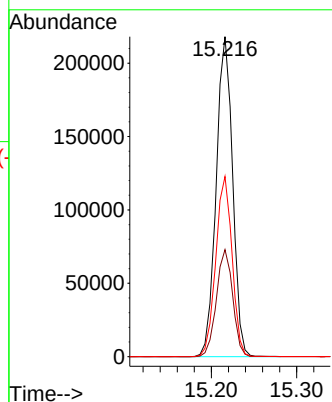
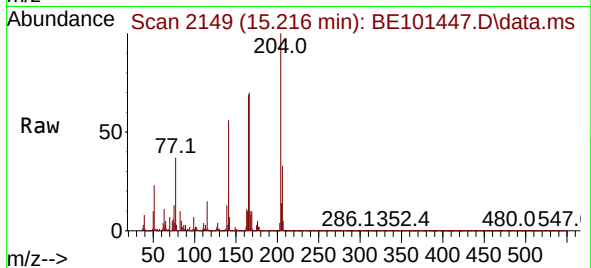
#61
4-Chlorophenyl-phenylether
Concen: 50.601 ng
RT: 15.216 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion:204 Resp: 291789
Ion Ratio Lower Upper
204 100
206 33.4 26.9 40.3
141 56.3 45.9 68.9

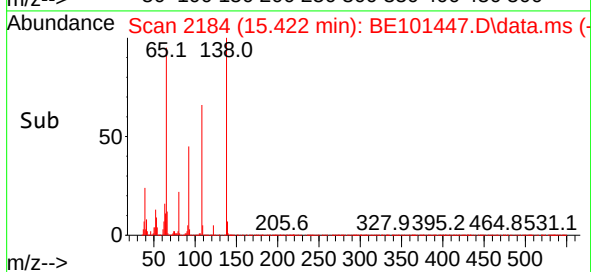
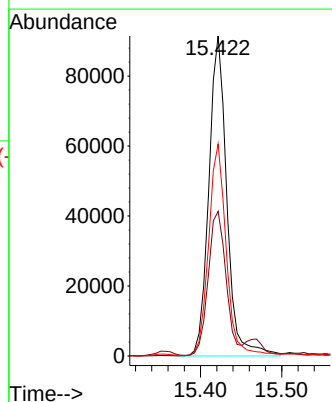
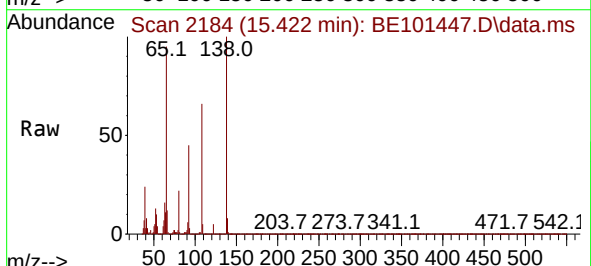
Manual Integrations
APPROVED

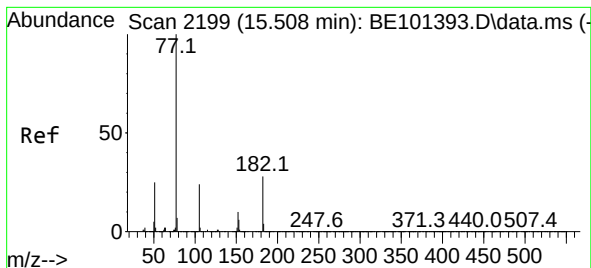
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 46.769 ng
RT: 15.422 min Scan# 2184
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:138 Resp: 140620
Ion Ratio Lower Upper
138 100
92 45.2 28.7 68.7
108 66.3 46.5 86.5





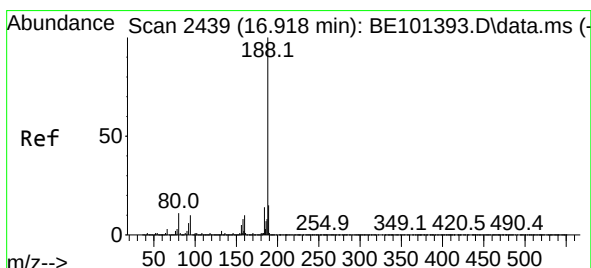
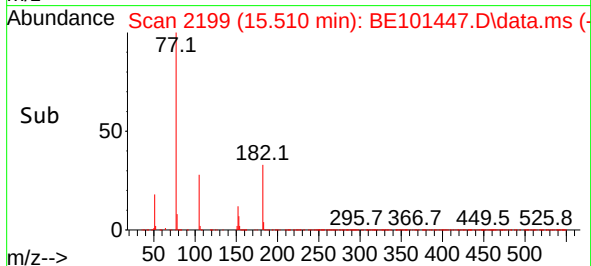
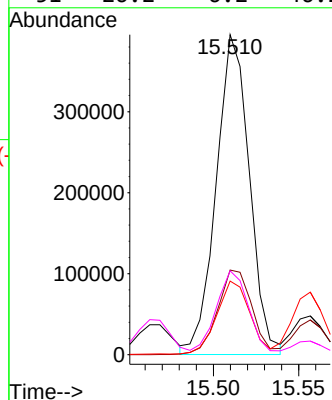
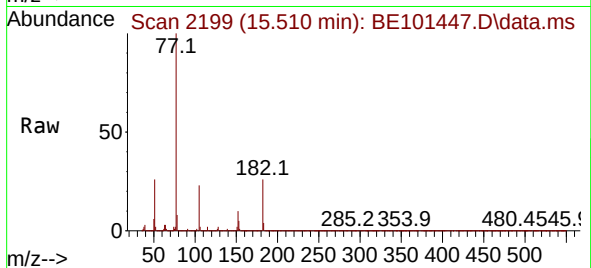
#63
Azobenzene
Concen: 50.499 ng
RT: 15.510 min Scan# 2199
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :
BNA_E
ClientSampleId :
BP-F10MSD

Tgt Ion: 77 Resp: 53438
Ion Ratio Lower Upper
77 100
182 26.5 7.6 47.6
105 23.0 3.2 43.2
51 26.2 6.2 46.2

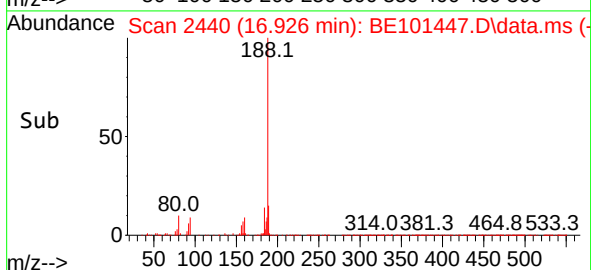
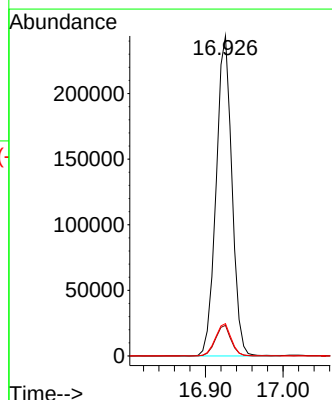
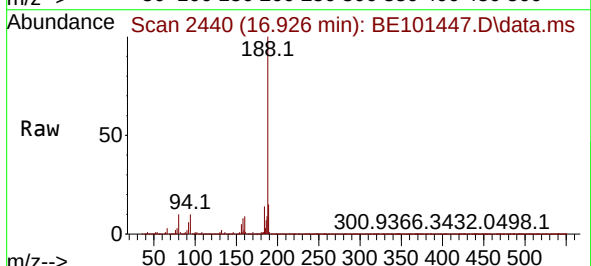
Manual Integrations
APPROVED

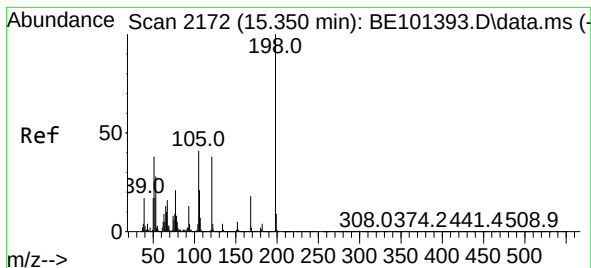
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.926 min Scan# 2440
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

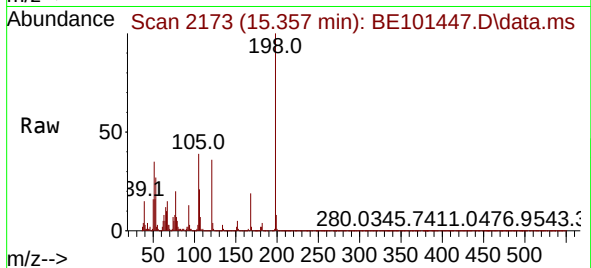
Tgt Ion:188 Resp: 345432
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.8
80 10.1 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 56.729 ng
RT: 15.357 min Scan# 2172
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

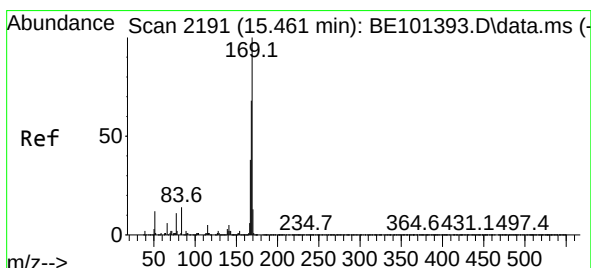
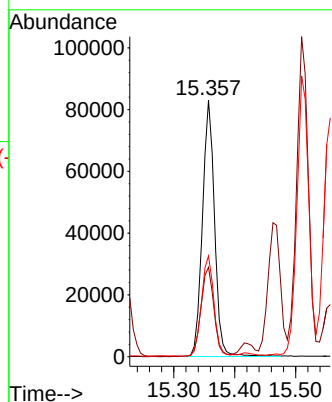
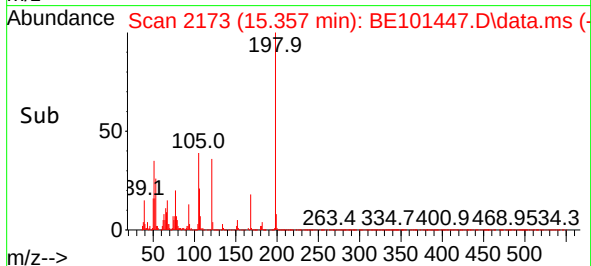
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



Tgt Ion:198 Resp: 115149
Ion Ratio Lower Upper
198 100
51 34.9 18.2 58.2
105 39.3 21.5 61.5

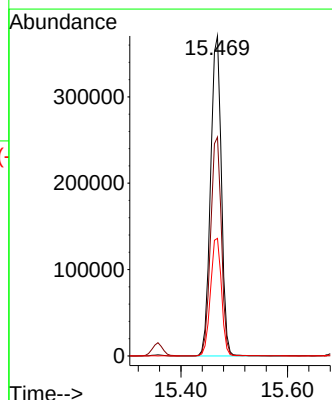
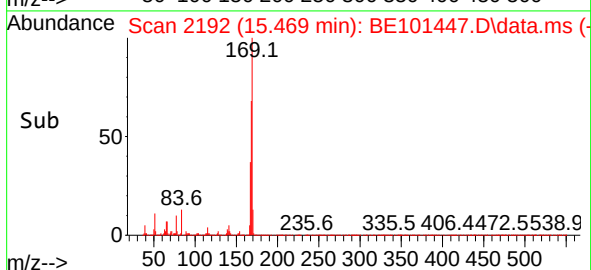
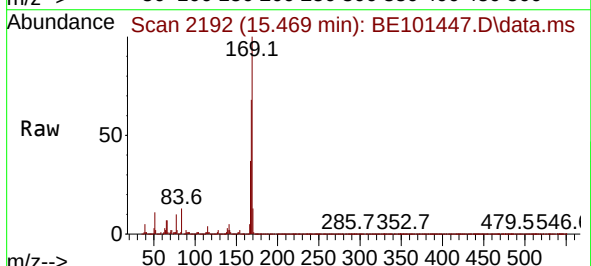
Manual Integrations
APPROVED

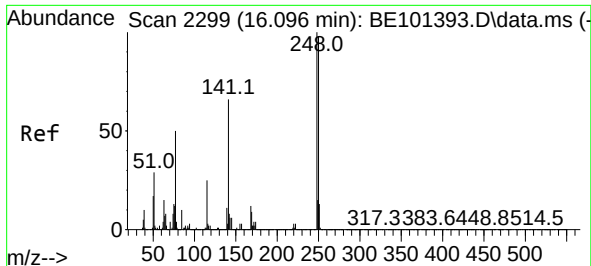
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 56.666 ng
RT: 15.469 min Scan# 2192
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

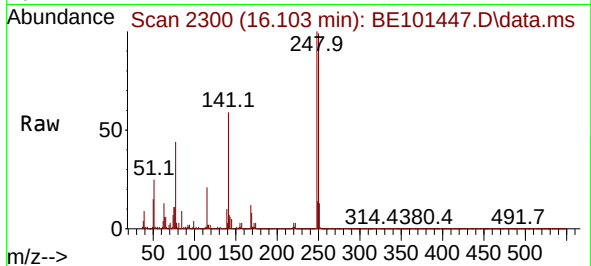
Tgt Ion:169 Resp: 519084
Ion Ratio Lower Upper
169 100
168 68.4 54.5 81.7
167 36.8 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 55.470 ng
RT: 16.103 min Scan# 21
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

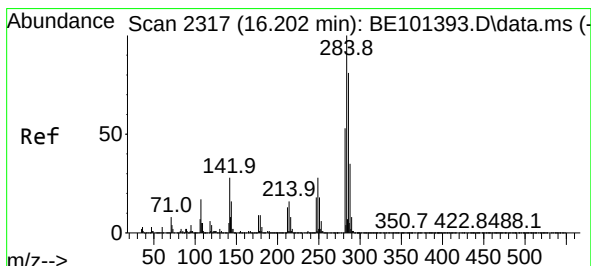
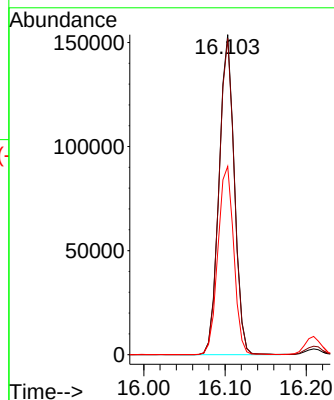
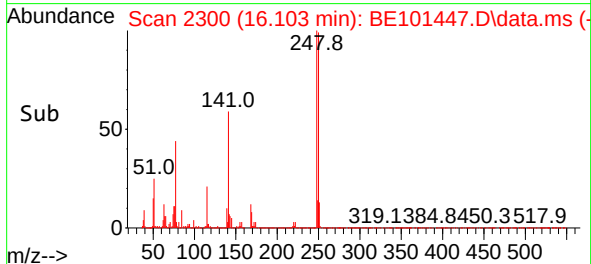
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



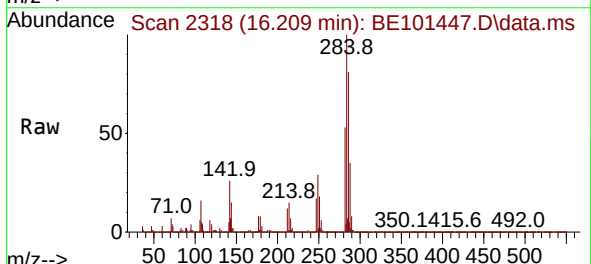
Tgt Ion:248 Resp: 20156
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.2
141 58.8 53.0 79.4

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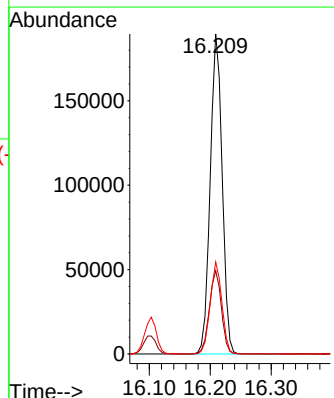
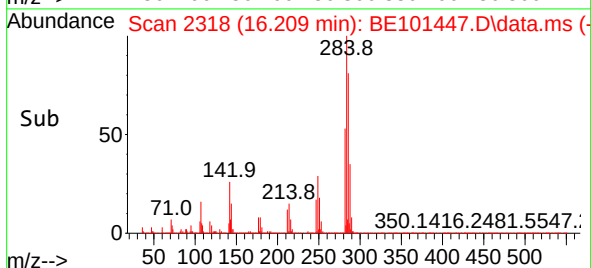
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

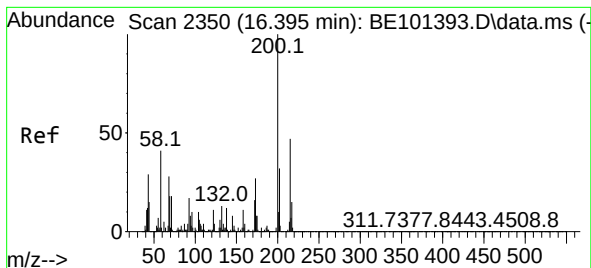


#68
Hexachlorobenzene
Concen: 54.234 ng
RT: 16.209 min Scan# 2318
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00



Tgt Ion:284 Resp: 258308
Ion Ratio Lower Upper
284 100
142 26.0 22.2 33.2
249 28.7 22.8 34.2





#69

Atrazine

Concen: 67.015 ng

RT: 16.403 min Scan# 21

Delta R.T. 0.008 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:200 Resp: 18820

Ion Ratio Lower Upper

200 100

173 26.6 7.0 47.0

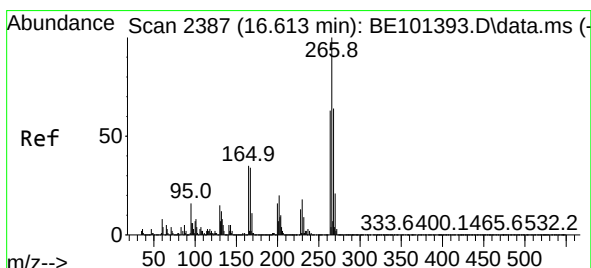
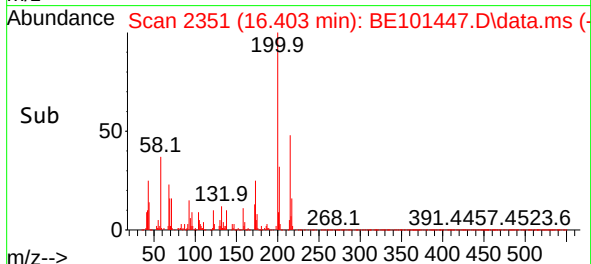
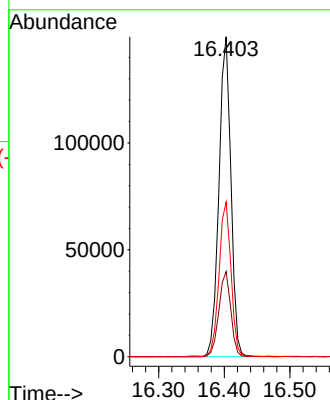
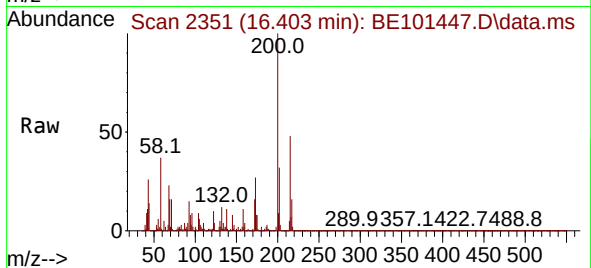
215 48.3 27.3 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 110.918 ng

RT: 16.614 min Scan# 2387

Delta R.T. 0.002 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

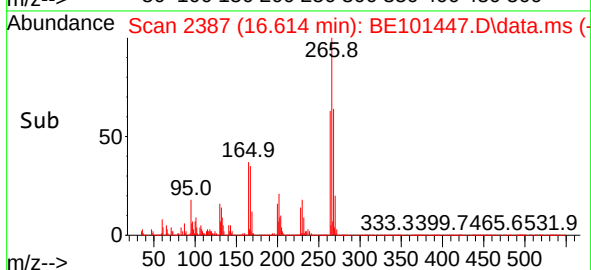
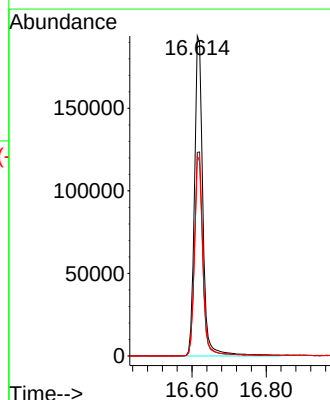
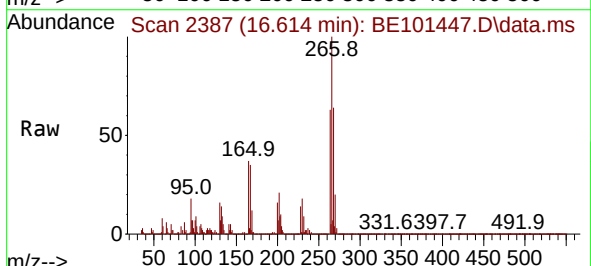
Tgt Ion:266 Resp: 304091

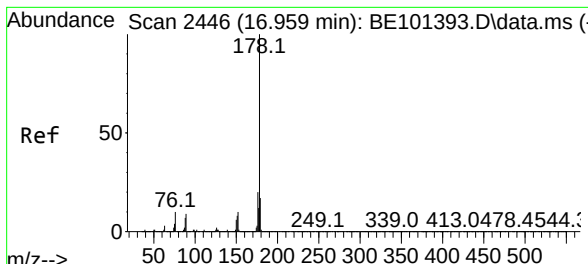
Ion Ratio Lower Upper

266 100

268 63.6 51.5 77.3

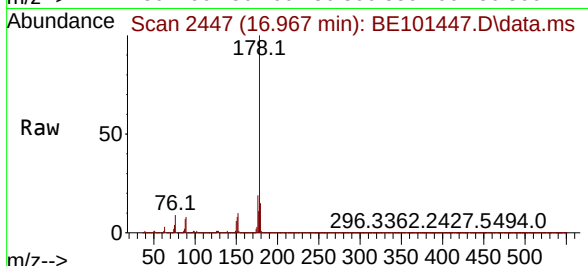
264 62.6 50.7 76.1





#71
Phenanthrene
Concen: 56.820 ng
RT: 16.967 min Scan# 2446
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

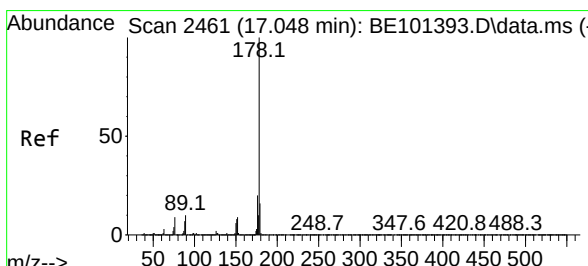
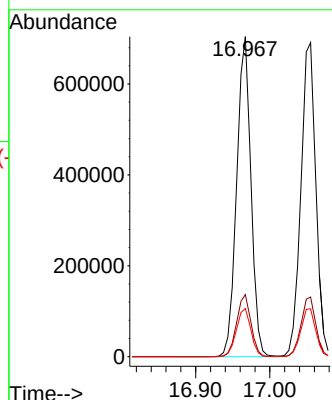
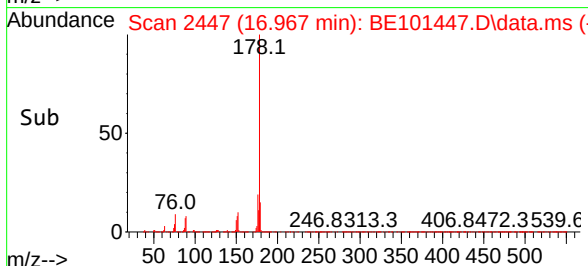
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



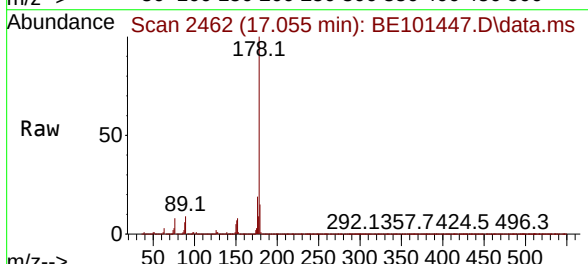
Tgt Ion:178 Resp: 939735
Ion Ratio Lower Upper
178 100
176 19.4 16.4 24.6
179 15.1 13.2 19.8

Manual Integrations
APPROVED

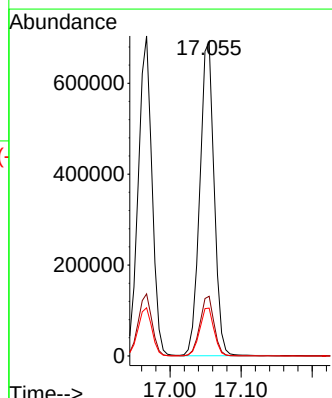
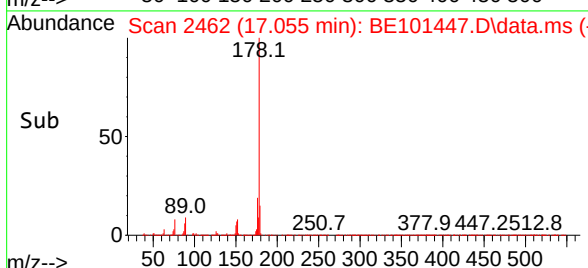
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

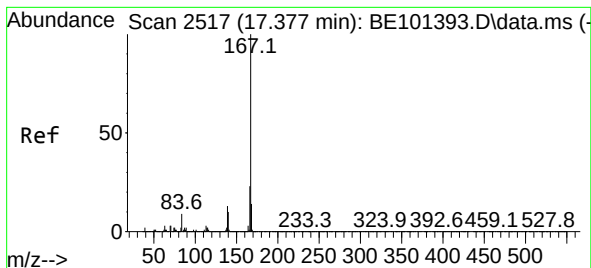


#72
Anthracene
Concen: 60.017 ng
RT: 17.055 min Scan# 2462
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00



Tgt Ion:178 Resp: 969234
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.2 13.1 19.7





#73

Carbazole

Concen: 55.189 ng

RT: 17.384 min Scan# 2517

Delta R.T. 0.007 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

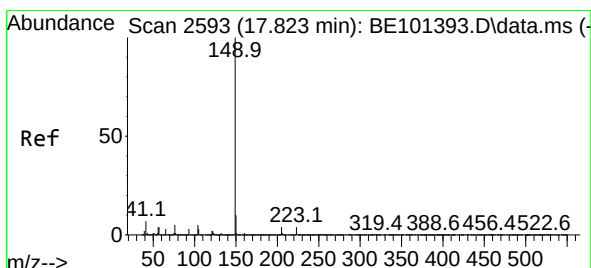
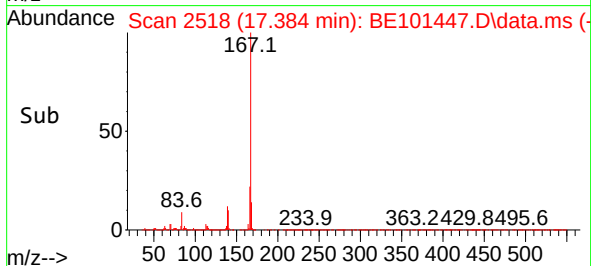
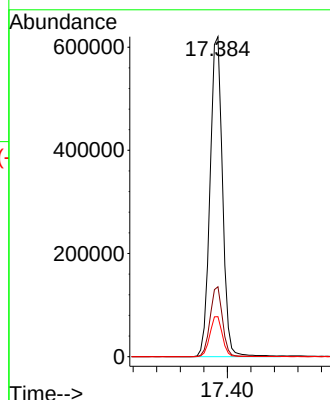
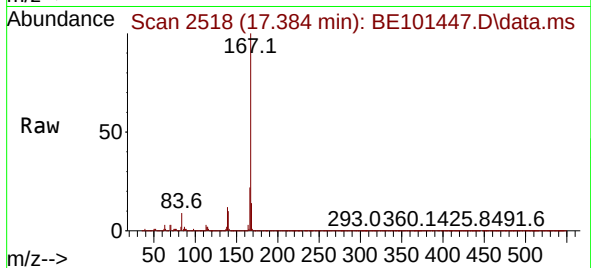
Tgt Ion:167	Resp: 91194
Ion Ratio	Lower Upper
167 100	
166 21.9	18.3 27.5
139 12.5	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#74

Di-n-butylphthalate

Concen: 58.264 ng

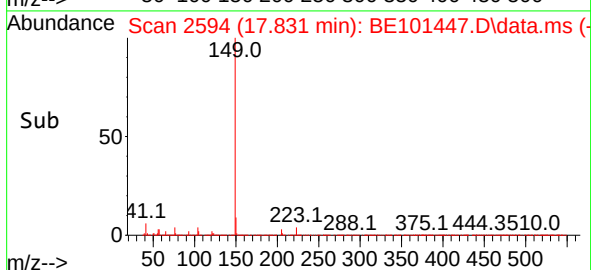
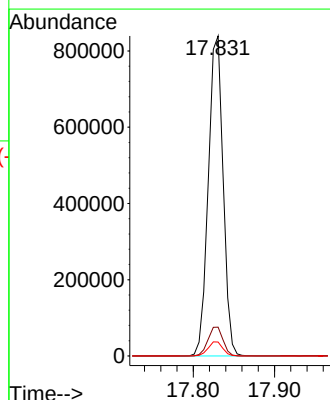
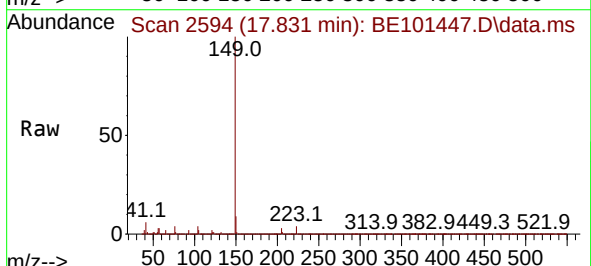
RT: 17.831 min Scan# 2594

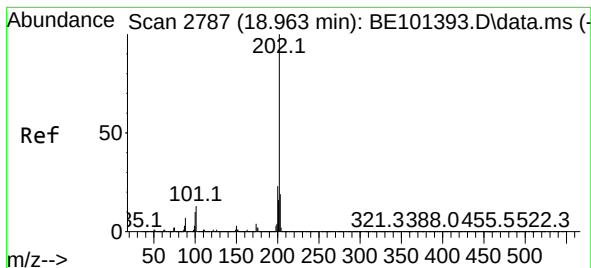
Delta R.T. 0.007 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Tgt Ion:149	Resp: 1059894
Ion Ratio	Lower Upper
149 100	
150 9.0	8.2 12.4
104 4.3	3.9 5.9





#75

Fluoranthene

Concen: 58.057 ng

RT: 18.970 min Scan# 21

Delta R.T. 0.007 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:202 Resp: 1166238

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.3

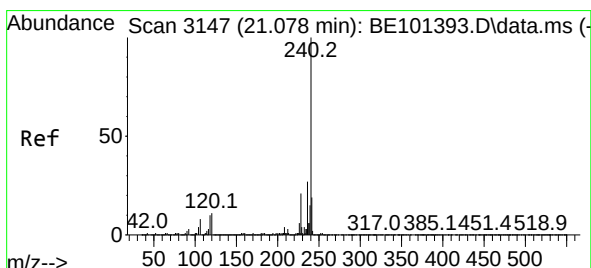
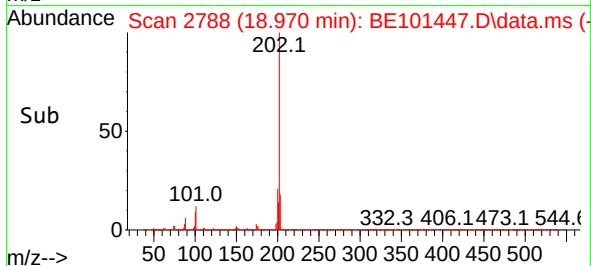
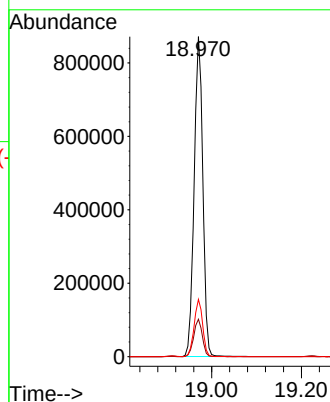
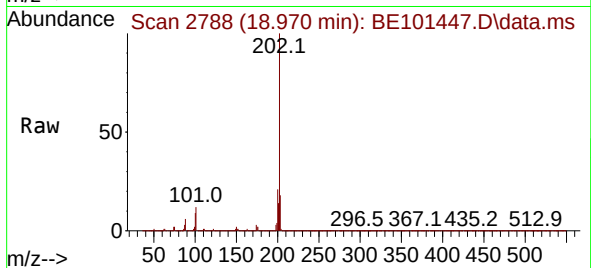
203 17.9 0.0 39.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.086 min Scan# 3148

Delta R.T. 0.007 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

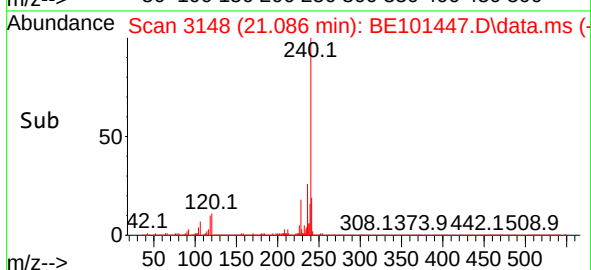
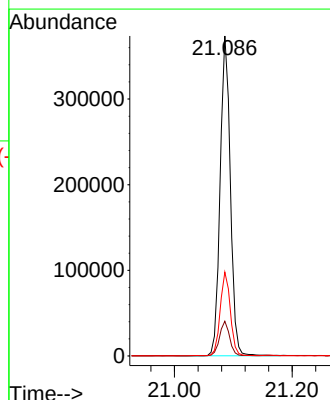
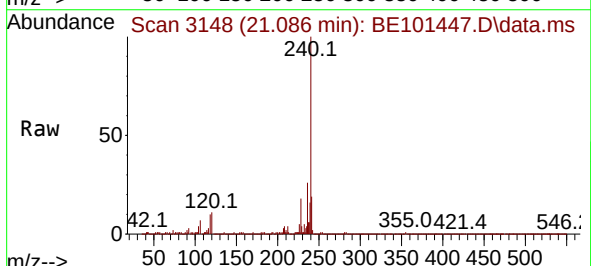
Tgt Ion:240 Resp: 447859

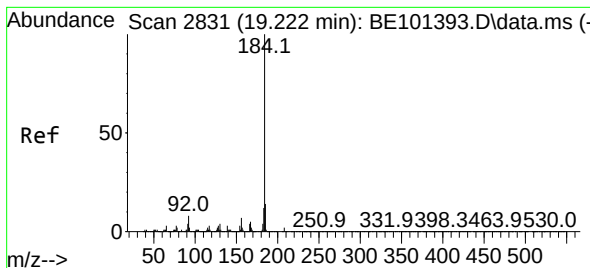
Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

236 26.2 21.4 32.0





#77

Benzidine

Concen: 117.337 ng

RT: 19.223 min Scan# 2831

Delta R.T. 0.002 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:184 Resp: 666952

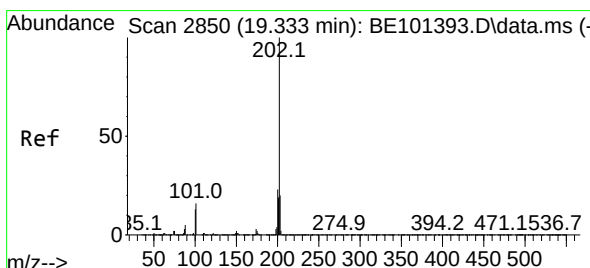
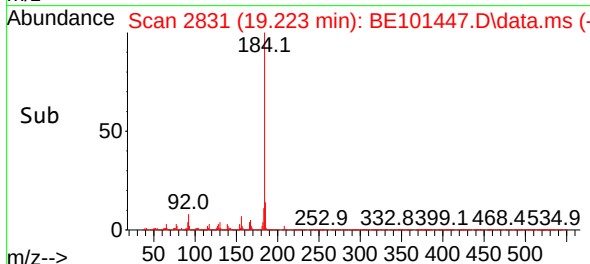
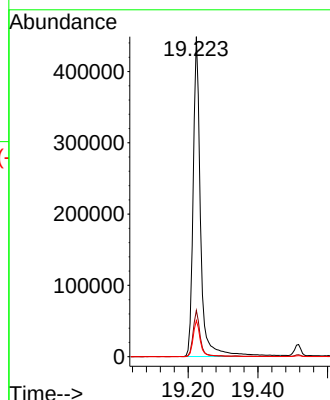
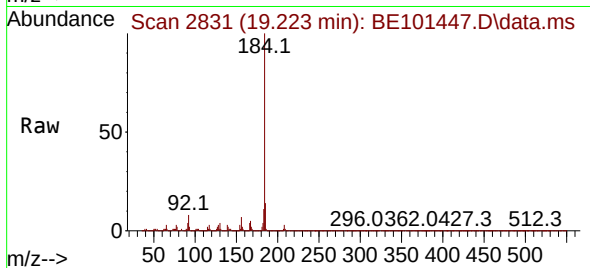
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.3	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#78

Pyrene

Concen: 51.205 ng

RT: 19.341 min Scan# 2851

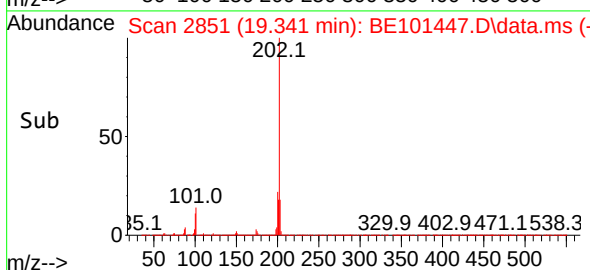
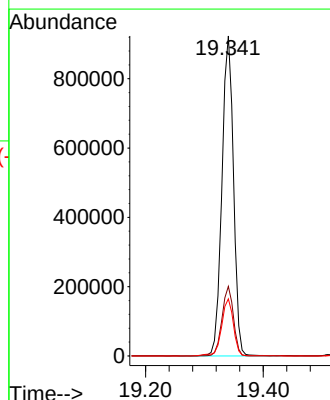
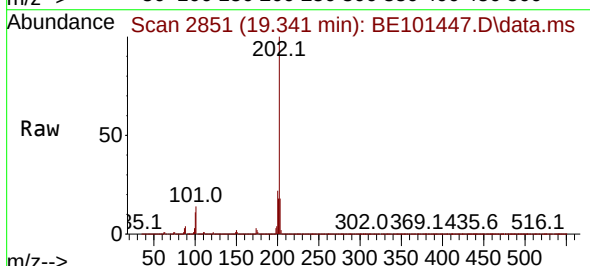
Delta R.T. 0.007 min

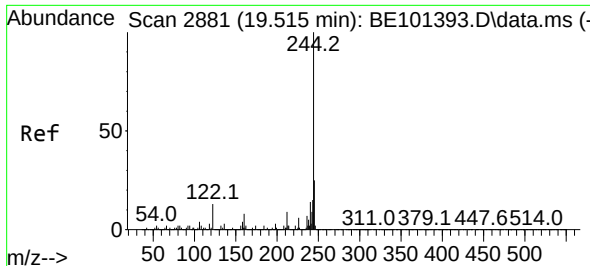
Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Tgt Ion:202 Resp: 1261113

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.6	28.0
203	17.9	15.6	23.4





#79
Terphenyl-d14
Concen: 80.206 ng
RT: 19.517 min Scan# 2881
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

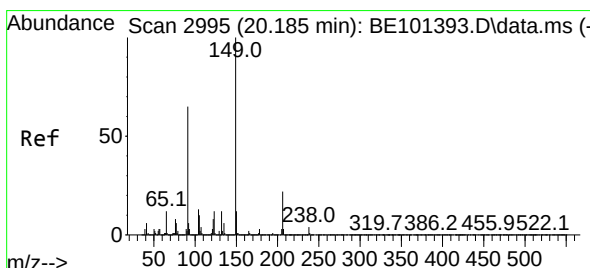
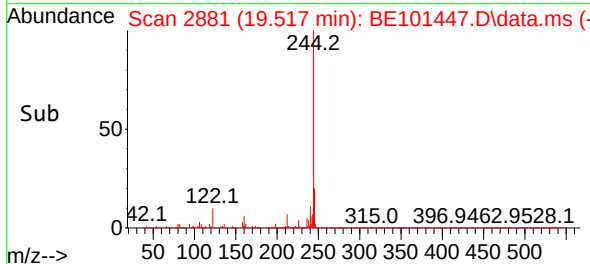
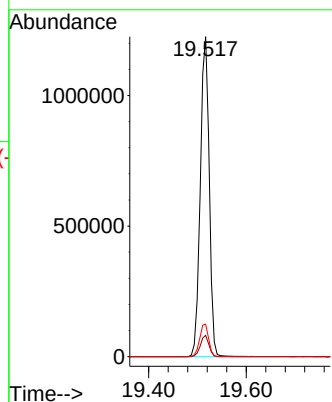
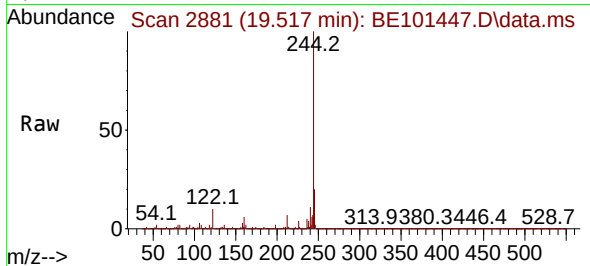
BP-F10MSD

Tgt Ion:244 Resp: 1560730
Ion Ratio Lower Upper
244 100
212 6.6 7.2 10.8
122 10.2 10.4 15.6

Manual Integrations

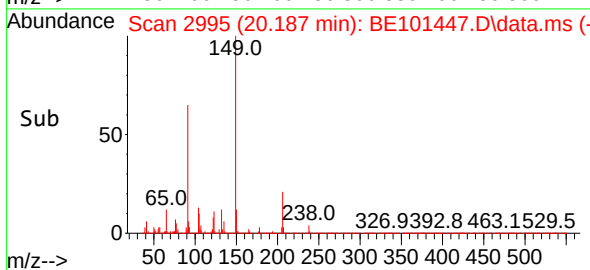
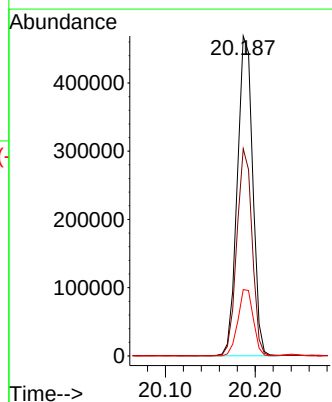
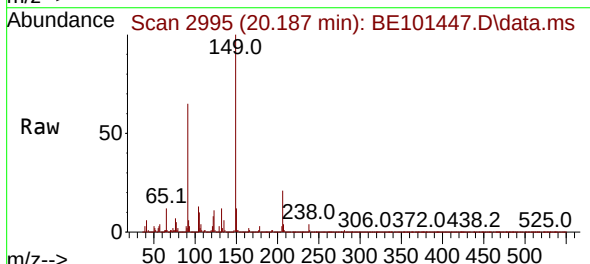
APPROVED

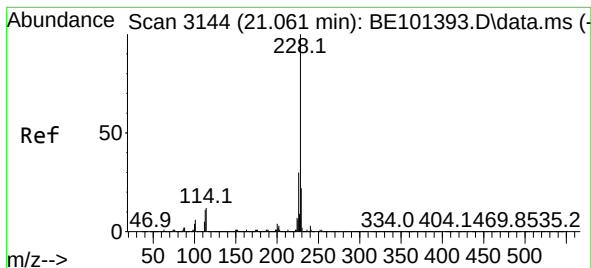
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#80
Butylbenzylphthalate
Concen: 51.695 ng
RT: 20.187 min Scan# 2995
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:149 Resp: 558150
Ion Ratio Lower Upper
149 100
91 64.7 51.8 77.8
206 20.8 17.4 26.2





#81

Benzo(a)anthracene

Concen: 58.122 ng

RT: 21.068 min Scan# 3145

Delta R.T. 0.007 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:228 Resp: 1463072

Ion Ratio Lower Upper

228 100

226 28.1 24.1 36.1

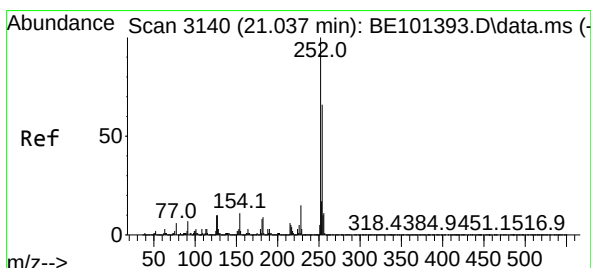
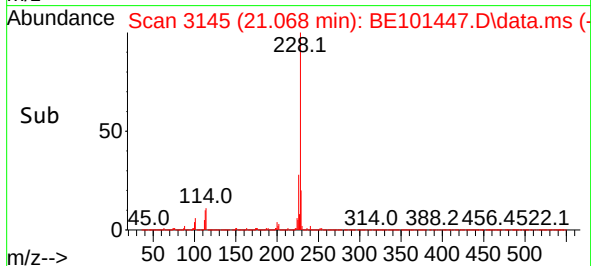
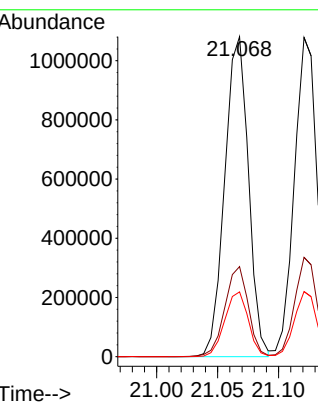
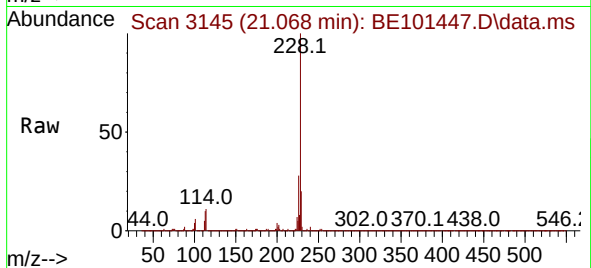
229 20.3 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 42.021 ng

RT: 21.039 min Scan# 3140

Delta R.T. 0.002 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

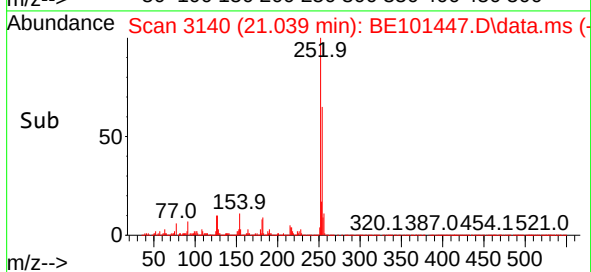
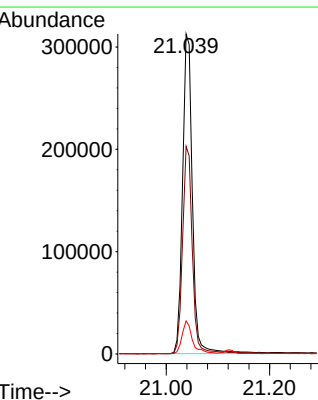
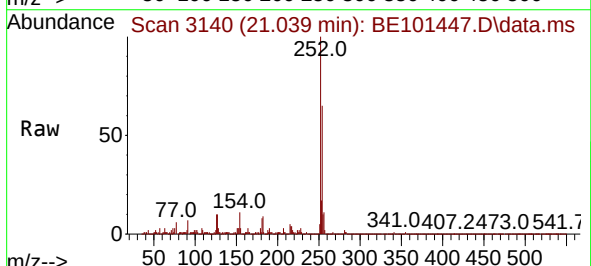
Tgt Ion:252 Resp: 414359

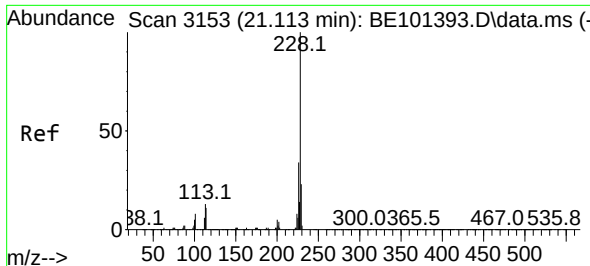
Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

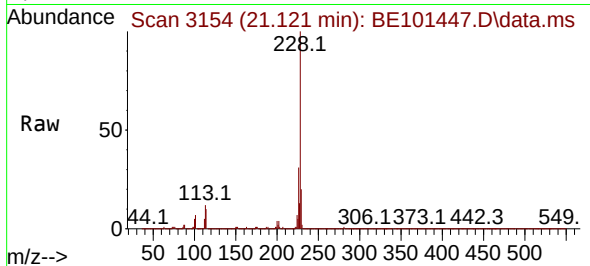
126 10.4 7.7 11.5





#83
Chrysene
Concen: 58.193 ng
RT: 21.121 min Scan# 3154
Delta R.T. 0.007 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

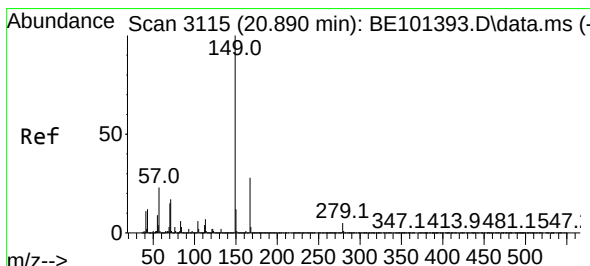
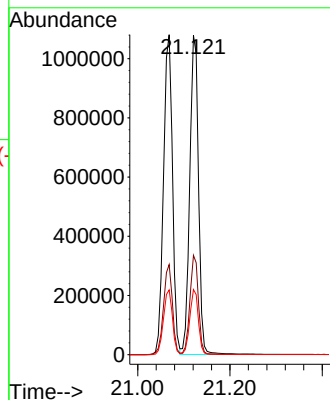
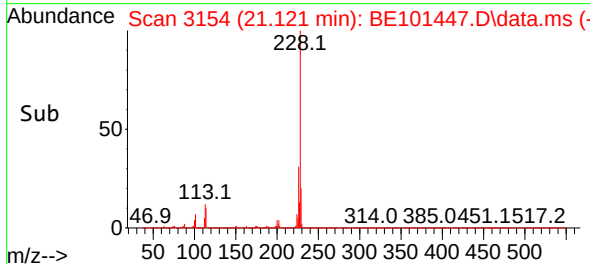
Instrument :
BNA_E
ClientSampleId :
BP-F10MSD



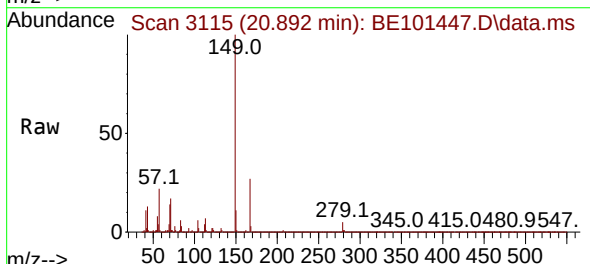
Tgt Ion:228 Resp: 1416318
Ion Ratio Lower Upper
228 100
226 31.1 27.2 40.8
229 20.4 18.0 27.0

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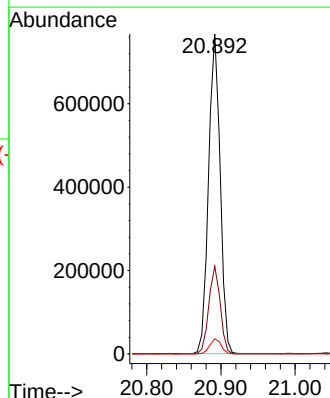
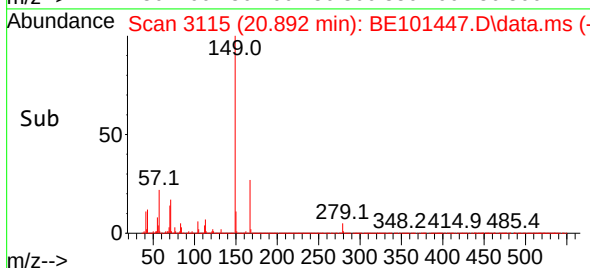
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

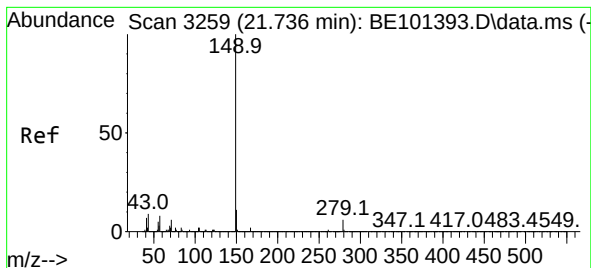


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.180 ng
RT: 20.892 min Scan# 3115
Delta R.T. 0.002 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00



Tgt Ion:149 Resp: 834488
Ion Ratio Lower Upper
149 100
167 27.4 22.7 34.1
279 4.8 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 65.716 ng

RT: 21.744 min Scan# 31

Delta R.T. 0.007 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:149 Resp: 1547050

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

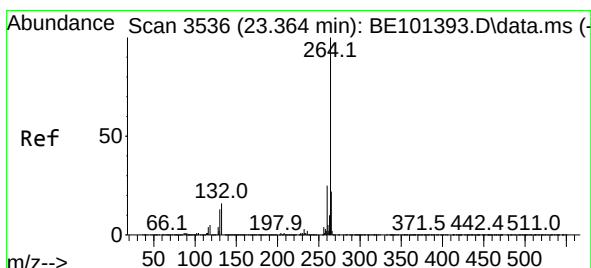
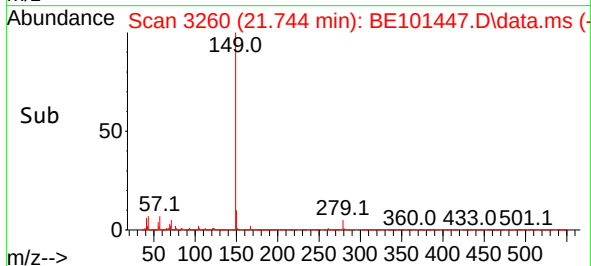
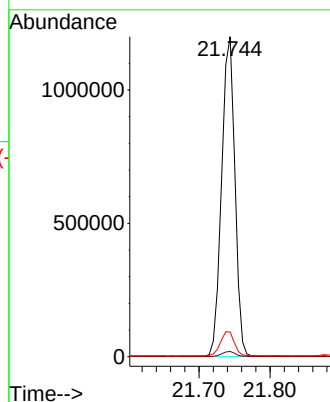
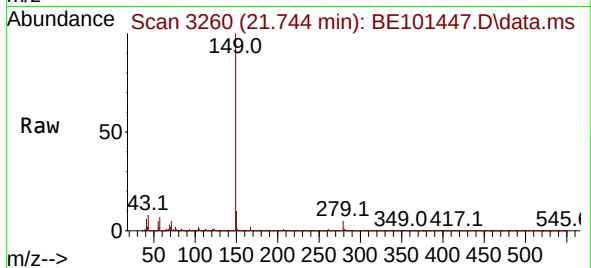
43 8.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.383 min Scan# 3539

Delta R.T. 0.019 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

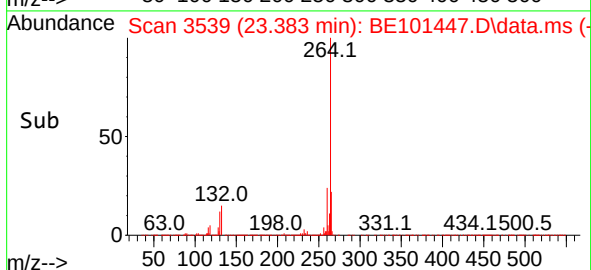
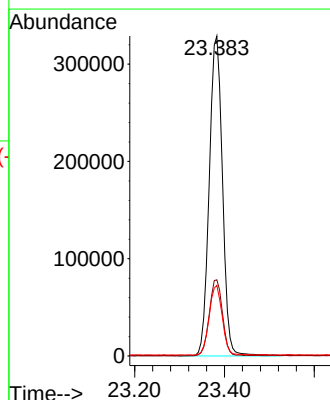
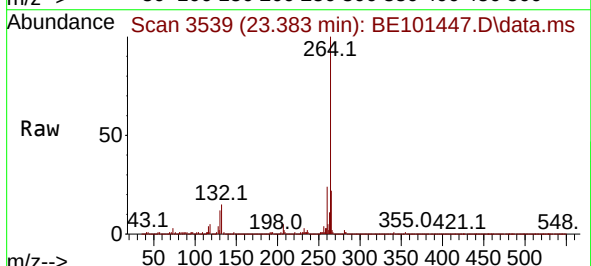
Tgt Ion:264 Resp: 672419

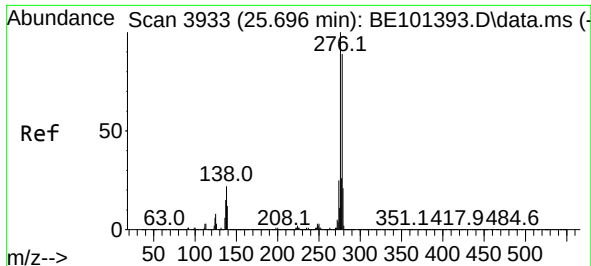
Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.8

265 22.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 59.539 ng
RT: 25.727 min Scan# 3933
Delta R.T. 0.031 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

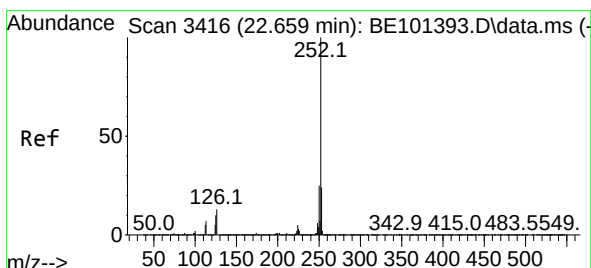
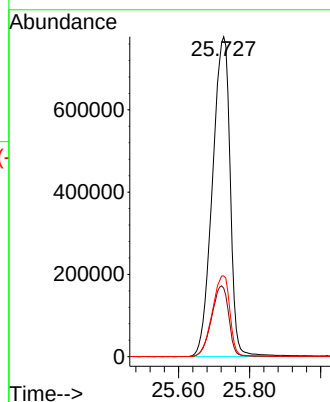
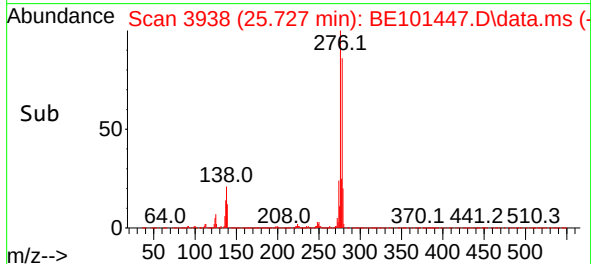
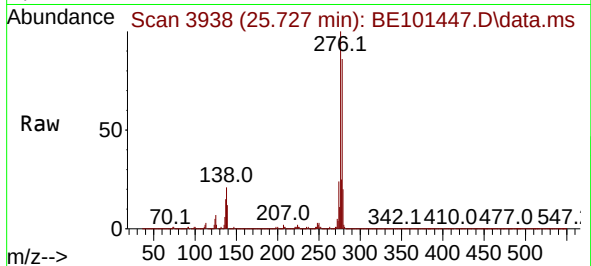
ClientSampleId :

BP-F10MSD

Tgt Ion:276 Resp: 2679330
Ion Ratio Lower Upper
276 100
138 21.6 17.8 26.8
277 25.3 20.5 30.7

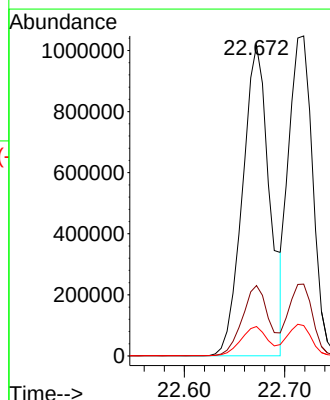
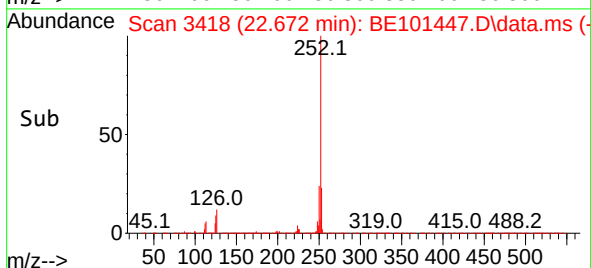
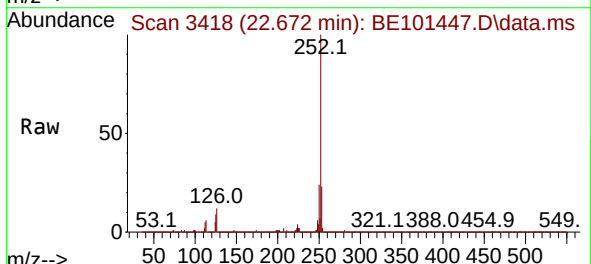
Manual Integrations
APPROVED

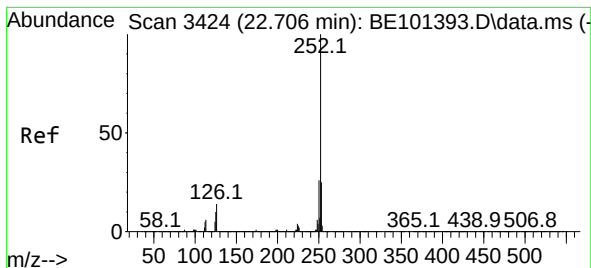
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#88
Benzo(b)fluoranthene
Concen: 54.545 ng
RT: 22.672 min Scan# 3418
Delta R.T. 0.013 min
Lab File: BE101447.D
Acq: 1 Nov 2024 14:00

Tgt Ion:252 Resp: 1911387
Ion Ratio Lower Upper
252 100
253 22.7 19.0 28.6
125 9.5 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 53.590 ng

RT: 22.719 min Scan# 3424

Delta R.T. 0.013 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:252 Resp: 1754449

Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.2

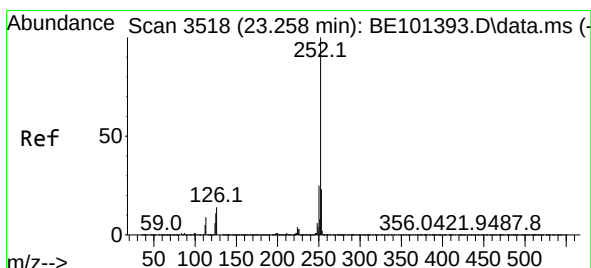
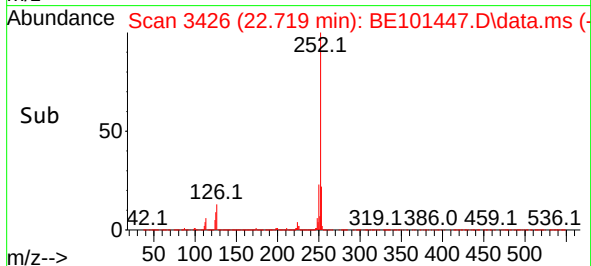
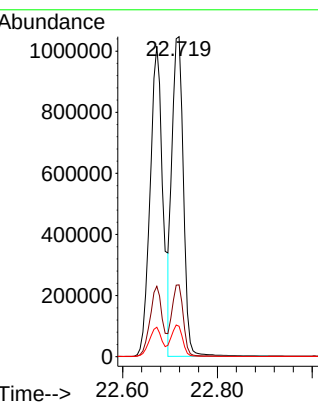
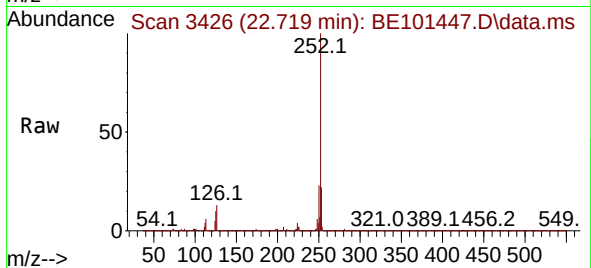
125 9.5 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 59.100 ng

RT: 23.277 min Scan# 3521

Delta R.T. 0.019 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

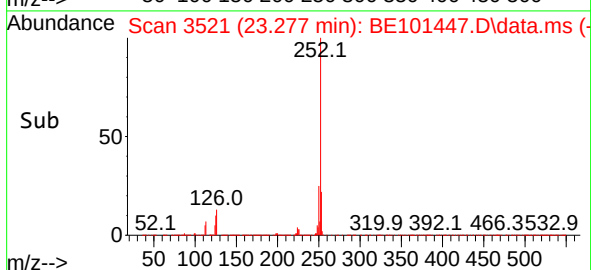
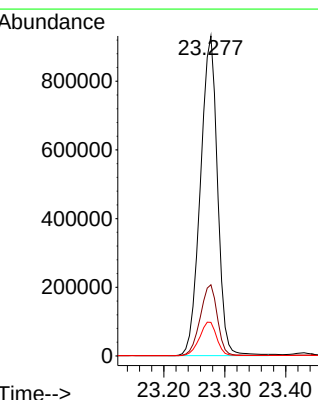
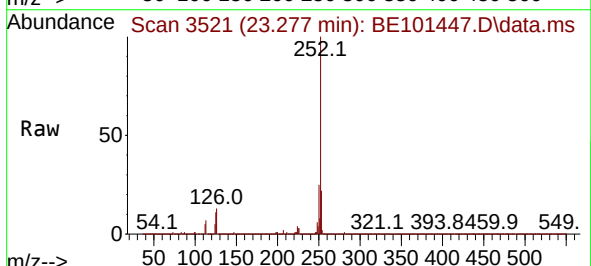
Tgt Ion:252 Resp: 1811209

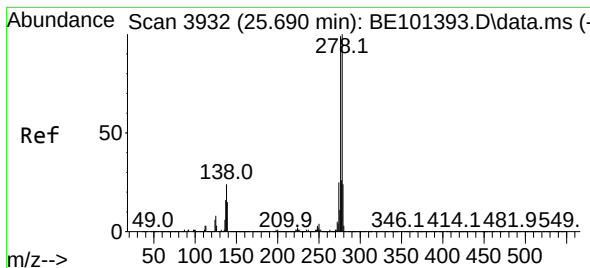
Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

125 10.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 59.452 ng

RT: 25.715 min Scan# 3936

Delta R.T. 0.025 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Instrument :

BNA_E

ClientSampleId :

BP-F10MSD

Tgt Ion:278 Resp: 2210680

Ion Ratio Lower Upper

278 100

139 14.5 11.9 17.9

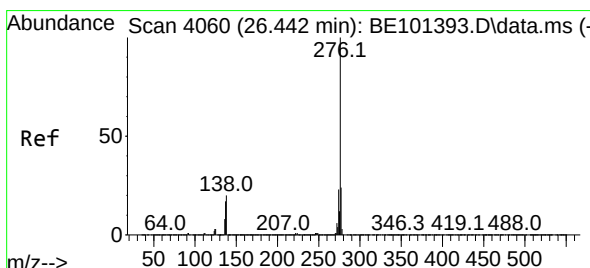
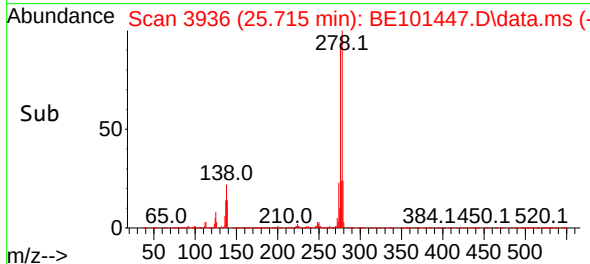
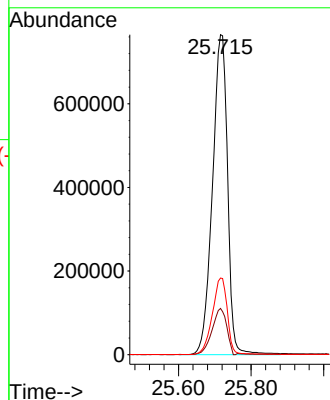
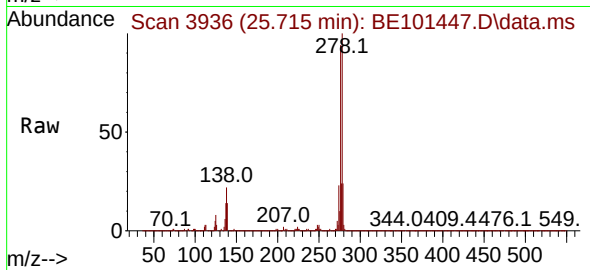
279 23.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 53.781 ng

RT: 26.473 min Scan# 4065

Delta R.T. 0.031 min

Lab File: BE101447.D

Acq: 1 Nov 2024 14:00

Tgt Ion:276 Resp: 2060524

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 19.0 15.8 23.6

