

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
 Data File : BE101446.D
 Acq On : 1 Nov 2024 10:58
 Operator : RC/JU
 Sample : P4616-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F10MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 01 11:48:44 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	86007	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	351005	20.000	ng	0.00
39) Acenaphthene-d10	14.188	164	212735	20.000	ng	0.00
64) Phenanthrene-d10	16.926	188	454763	20.000	ng	0.00
76) Chrysene-d12	21.086	240	568388	20.000	ng	0.00
86) Perylene-d12	23.377	264	795058	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	622084	126.769	ng	0.00
7) Phenol-d6	6.955	99	782495	114.999	ng	0.00
23) Nitrobenzene-d5	8.788	82	451808	80.847	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	461229	123.702	ng	0.00
45) 2-Fluorobiphenyl	12.807	172	1037047	82.557	ng	0.00
79) Terphenyl-d14	19.511	244	1957072	79.247	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.207	88	88629	48.424	ng	99
3) Pyridine	3.630	79	233986	45.187	ng	99
4) n-Nitrosodimethylamine	3.553	42	107906	53.858	ng	# 99
6) Aniline	7.014	93	302287	57.968	ng	98
8) 2-Chlorophenol	7.219	128	311698	52.959	ng	98
9) Benzaldehyde	6.785	77	42239	12.859	ng	99
10) Phenol	6.979	94	397639	53.860	ng	98
11) bis(2-Chloroethyl)ether	7.037	93	286833m	47.359	ng	
12) 1,3-Dichlorobenzene	7.460	146	316838	49.923	ng	99
13) 1,4-Dichlorobenzene	7.607	146	321051	49.538	ng	99
14) 1,2-Dichlorobenzene	7.936	146	310425	48.933	ng	100
15) Benzyl Alcohol	7.919	79	206647	50.949	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.071	45	367253	48.184	ng	99
17) 2-Methylphenol	8.160	107	242493	48.530	ng	99
18) Hexachloroethane	8.630	117	110047	51.996	ng	99
19) n-Nitroso-di-n-propyla...	8.377	70	206907	45.824	ng	99
20) 3+4-Methylphenols	8.500	107	326111	47.280	ng	99
22) Acetophenone	8.424	105	416428	52.250	ng	98
24) Nitrobenzene	8.829	77	302477	50.853	ng	97
25) Isophorone	9.282	82	554592	50.856	ng	99
26) 2-Nitrophenol	9.511	139	168500	58.612	ng	98
27) 2,4-Dimethylphenol	9.634	122	235525	65.106	ng	98
28) bis(2-Chloroethoxy)met...	9.775	93	341088	51.575	ng	99
29) 2,4-Dichlorophenol	10.063	162	274668	54.882	ng	99
30) 1,2,4-Trichlorobenzene	10.187	180	281528	51.638	ng	100
31) Naphthalene	10.392	128	908754	50.805	ng	99
32) Benzoic acid	9.899	122	108210	32.317	ng	98
33) 4-Chloroaniline	10.615	127	206155	33.145	ng	99
34) Hexachlorobutadiene	10.639	225	174908	54.200	ng	99
35) Caprolactam	11.415	113	88007m	45.876	ng	
36) 4-Chloro-3-methylphenol	11.796	107	275492	48.346	ng	99
37) 2-Methylnaphthalene	11.984	142	633238	49.139	ng	99
38) 1-Methylnaphthalene	12.208	142	592043	46.033	ng	100
40) 1,2,4,5-Tetrachloroben...	12.343	216	313075	58.624	ng	99
41) Hexachlorocyclopentadiene	12.319	237	398785	226.104	ng	97
43) 2,4,6-Trichlorophenol	12.660	196	222258	60.370	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	236822	56.172	ng	99
46) 1,1'-Biphenyl	13.013	154	798089	54.758	ng	100
47) 2-Chloronaphthalene	13.060	162	628237	54.558	ng	98
48) 2-Nitroaniline	13.389	65	177207	57.184	ng	98
49) Acenaphthylene	13.917	152	999423	58.690	ng	99
50) Dimethylphthalate	13.688	163	783944	52.206	ng	99
51) 2,6-Dinitrotoluene	13.829	165	176328	50.861	ng	94
52) Acenaphthene	14.247	154	604295	54.346	ng	100
53) 3-Nitroaniline	14.235	138	129222	37.485	ng	100
54) 2,4-Dinitrophenol	14.376	184	240363	96.342	ng	99
55) Dibenzofuran	14.593	168	949435	53.572	ng	98
56) 4-Nitrophenol	14.664	139	338331	107.170	ng	97
57) 2,4-Dinitrotoluene	14.611	165	249940	52.366	ng	98
58) Fluorene	15.228	166	774475	52.238	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.858	232	215089	55.217	ng	98
60) Diethylphthalate	15.016	149	787559	50.141	ng	99
61) 4-Chlorophenyl-phenyle...	15.216	204	378580	51.458	ng	98
62) 4-Nitroaniline	15.427	138	194415	50.681	ng	97
63) Azobenzene	15.510	77	692851	51.319	ng	99
65) 4,6-Dinitro-2-methylph...	15.357	198	158580	59.343	ng	99
66) n-Nitrosodiphenylamine	15.469	169	683725	56.694	ng	99
67) 4-Bromophenyl-phenylether	16.103	248	264643	55.321	ng	96
68) Hexachlorobenzene	16.209	284	339920	54.211	ng	98
69) Atrazine	16.403	200	248280	67.152	ng	99
70) Pentachlorophenol	16.614	266	407135	112.802	ng	99
71) Phenanthrene	16.967	178	1218671	55.970	ng	98
72) Anthracene	17.049	178	1260120	59.270	ng	98
73) Carbazole	17.384	167	1193447	54.861	ng	98
74) Di-n-butylphthalate	17.825	149	1391567	58.106	ng	98
75) Fluoranthene	18.970	202	1498003	56.645	ng	97
77) Benzidine	19.223	184	845355	117.186	ng	99
78) Pyrene	19.341	202	1612984	51.604	ng	97
80) Butylbenzylphthalate	20.187	149	723371	52.790	ng	100
81) Benzo(a)anthracene	21.068	228	1833423	57.390	ng	97
82) 3,3'-Dichlorobenzidine	21.039	252	545350	43.577	ng	99
83) Chrysene	21.121	228	1741485	56.380	ng	96
84) Bis(2-ethylhexyl)phtha...	20.892	149	1067563	58.646	ng	99
85) Di-n-octyl phthalate	21.738	149	1933685	64.722	ng	100
87) Indeno(1,2,3-cd)pyrene	25.721	276	3111634	58.480	ng	99
88) Benzo(b)fluoranthene	22.672	252	2203935	53.192	ng	98
89) Benzo(k)fluoranthene	22.713	252	2188710	56.542	ng	98
90) Benzo(a)pyrene	23.271	252	2175973	60.050	ng	99
91) Dibenzo(a,h)anthracene	25.715	278	2555098	58.115	ng	99
92) Benzo(g,h,i)perylene	26.473	276	2381257	52.565	ng	99

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

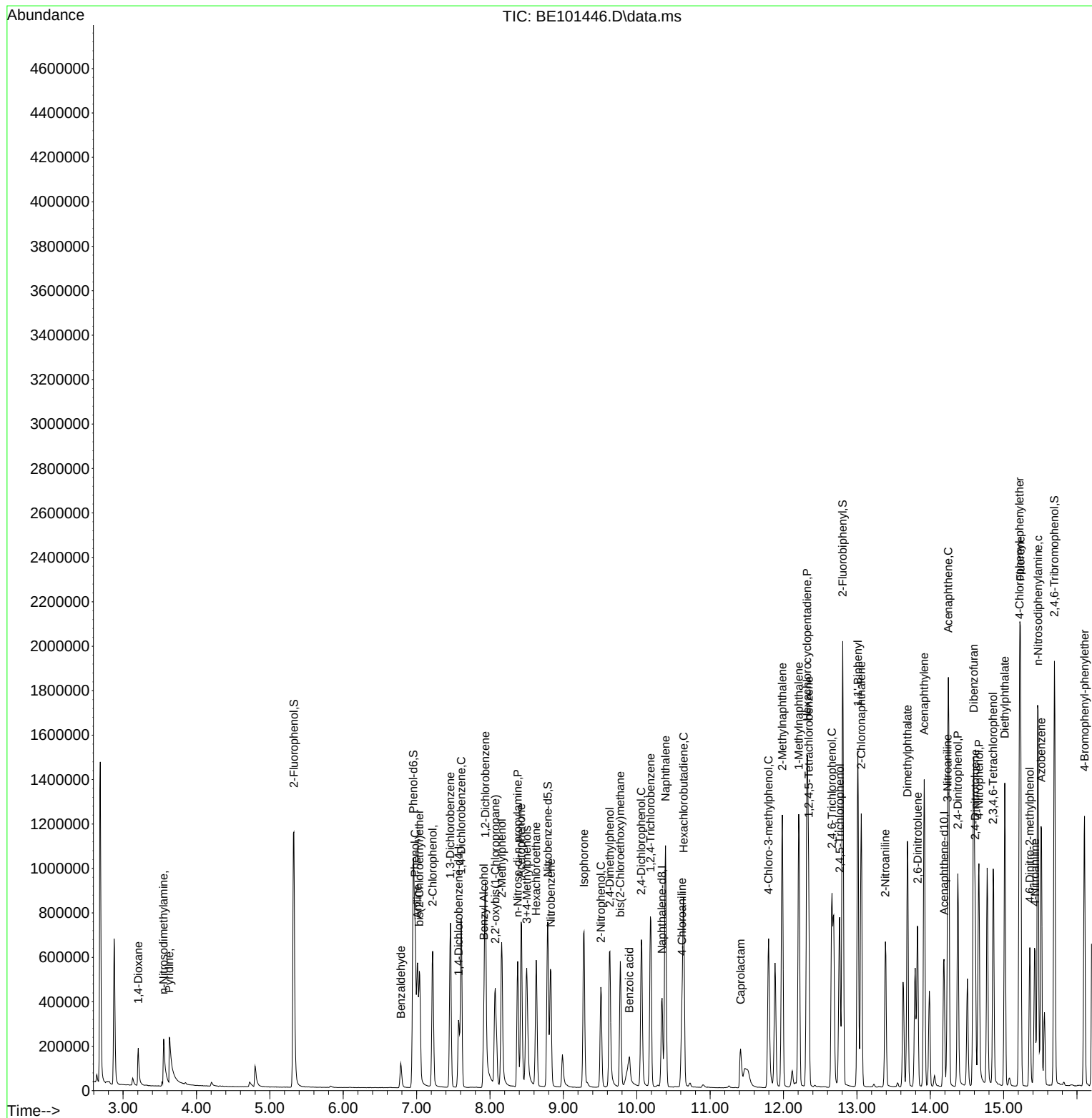
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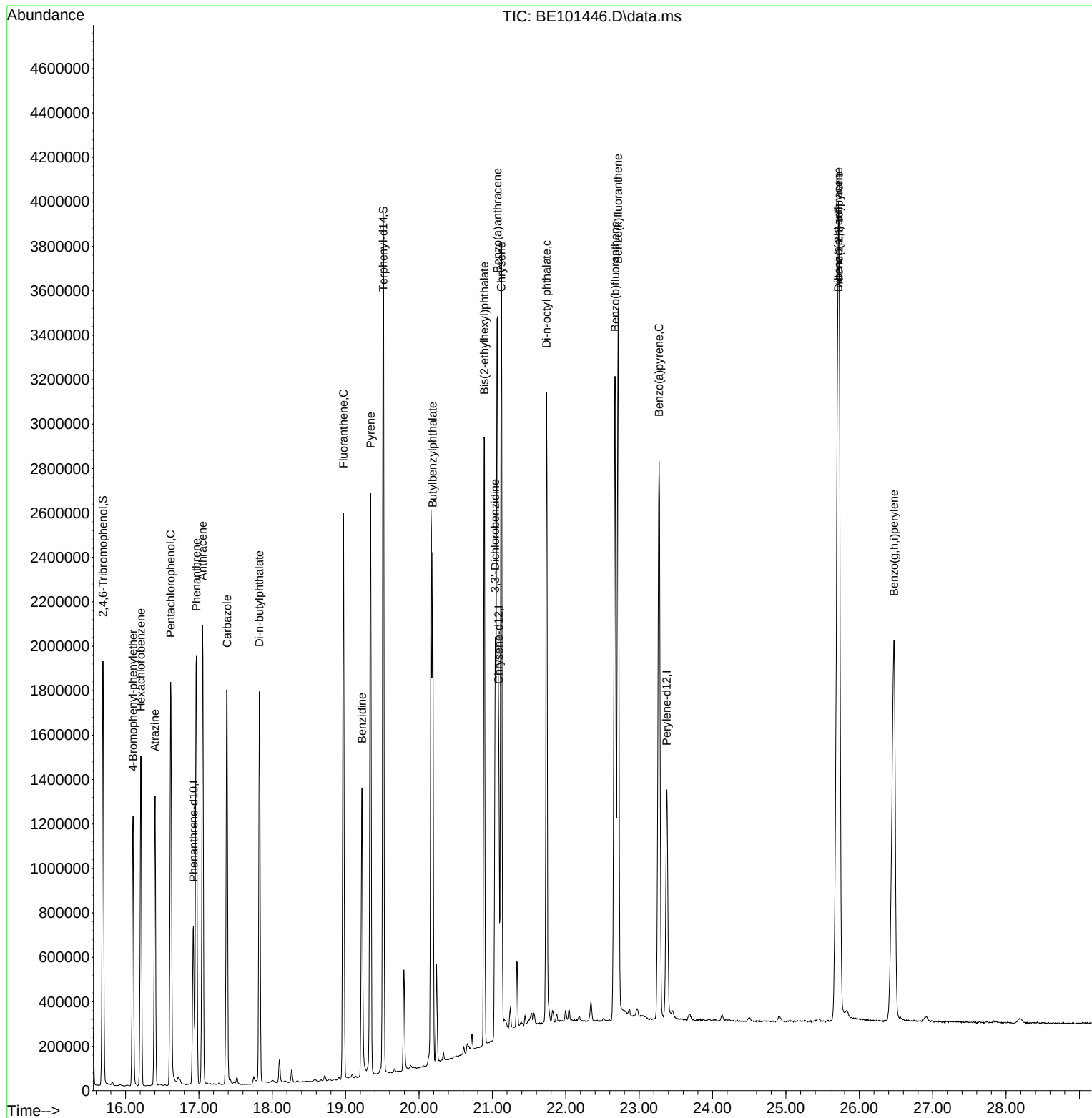
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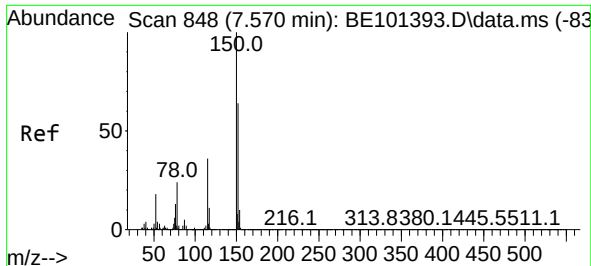
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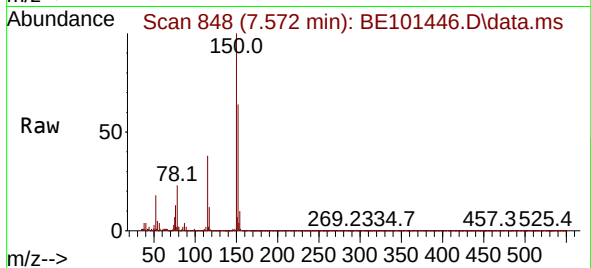
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.572 min Scan# 848
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

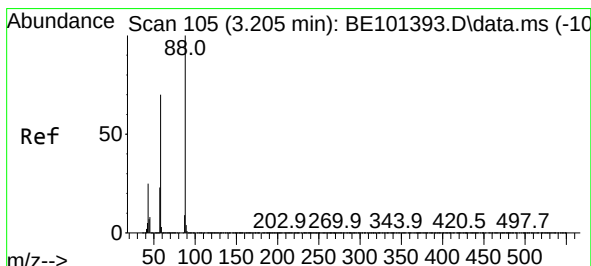
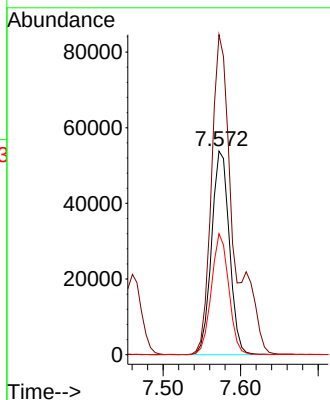
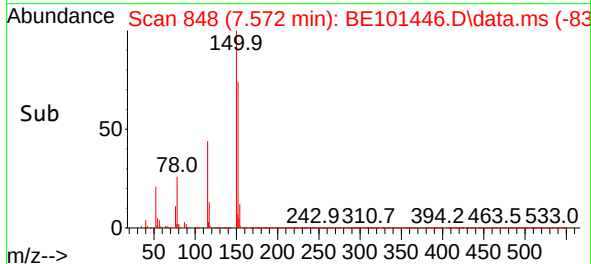
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BNA_E
ClientSampleId :
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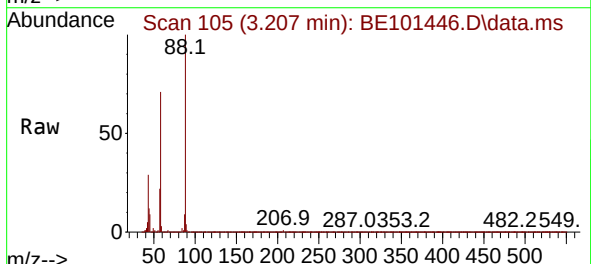
Tgt Ion:152 Resp: 8600
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.4
115 59.4 45.3 67.9

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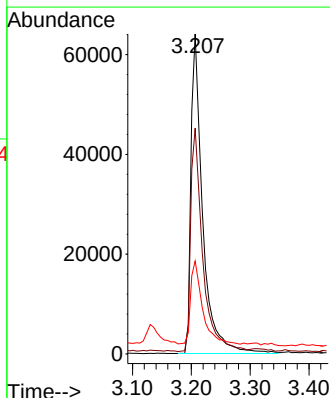
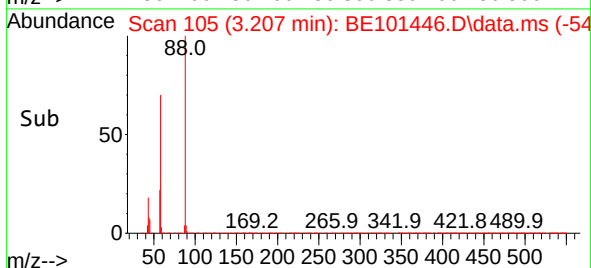
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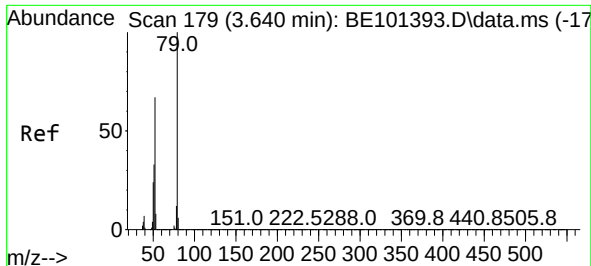


#2
1,4-Dioxane
Concen: 48.424 ng
RT: 3.207 min Scan# 105
Delta R.T. 0.001 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



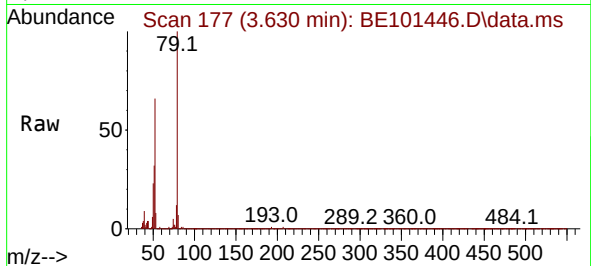
Tgt Ion: 88 Resp: 88629
Ion Ratio Lower Upper
88 100
58 71.1 56.5 84.7
43 26.3 19.8 29.8





#3
 Pyridine
 Concen: 45.187 ng
 RT: 3.630 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BE101446.D
 Acq: 1 Nov 2024 10:58

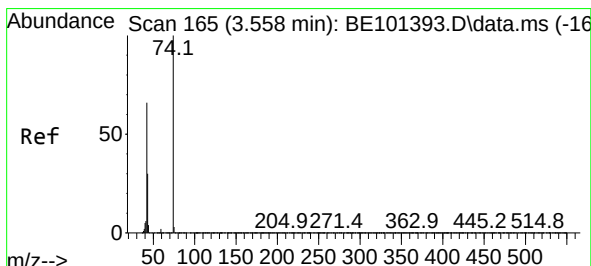
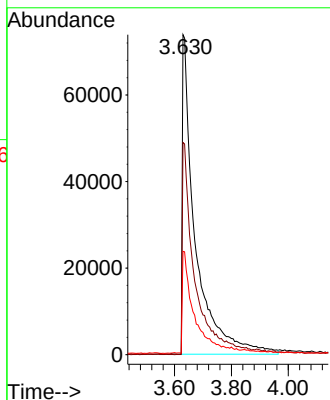
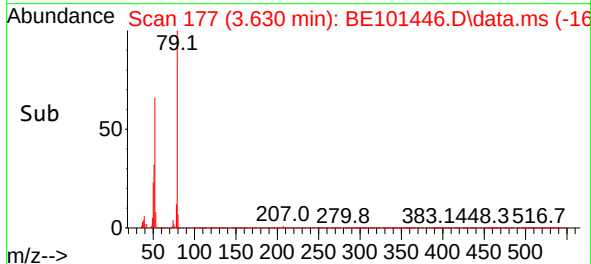
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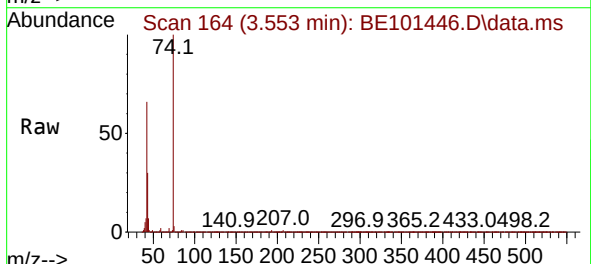
Tgt Ion: 79 Resp: 233980
 Ion Ratio Lower Upper
 79 100
 52 66.3 53.3 79.9
 51 32.3 27.3 40.9

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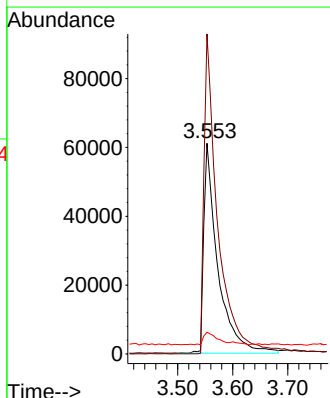
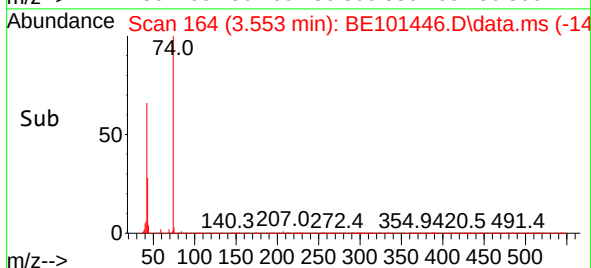
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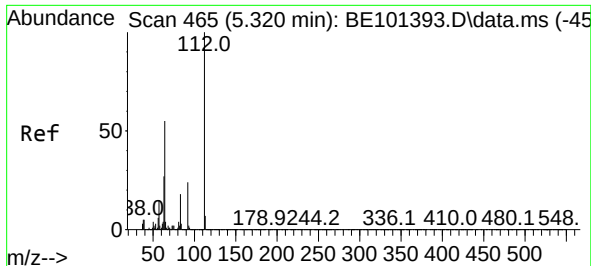


#4
 n-Nitrosodimethylamine
 Concen: 53.858 ng
 RT: 3.553 min Scan# 164
 Delta R.T. -0.004 min
 Lab File: BE101446.D
 Acq: 1 Nov 2024 10:58



Tgt Ion: 42 Resp: 107906
 Ion Ratio Lower Upper
 42 100
 74 151.9 121.4 182.0
 44 10.3 5.6 8.4





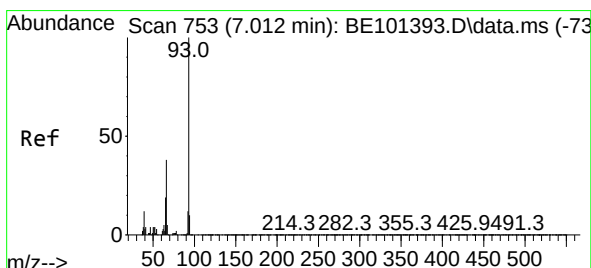
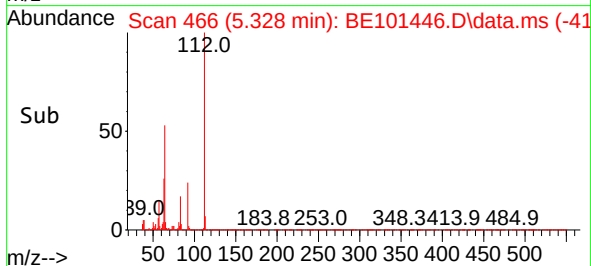
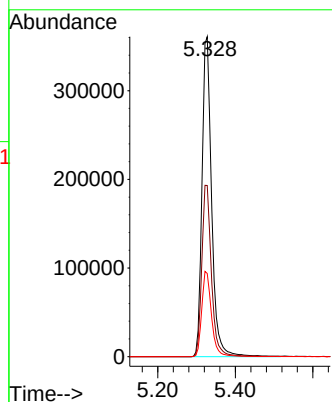
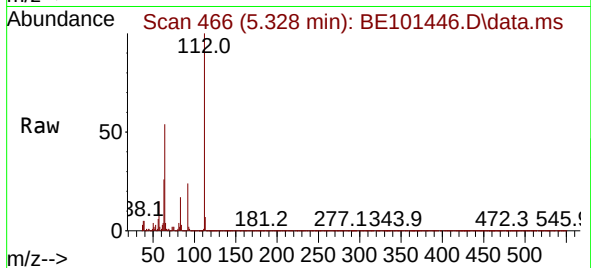
#5
2-Fluorophenol
Concen: 126.769 ng
RT: 5.328 min Scan# 465
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

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ClientSampleId :
BP-F10MS

Tgt Ion:112 Resp: 622084
Ion Ratio Lower Upper
112 100
64 53.5 43.7 65.5
63 26.0 21.4 32.2

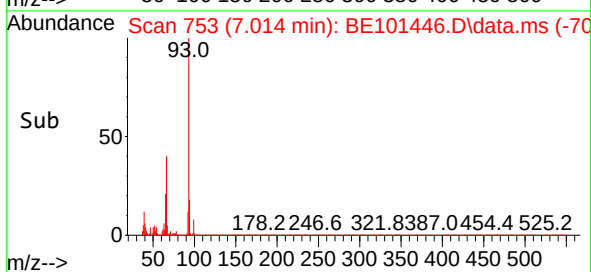
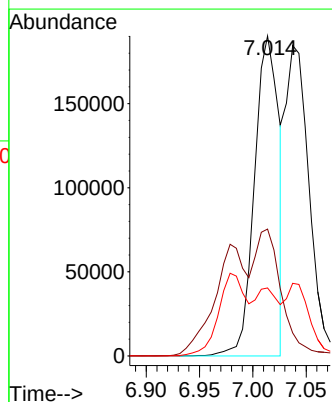
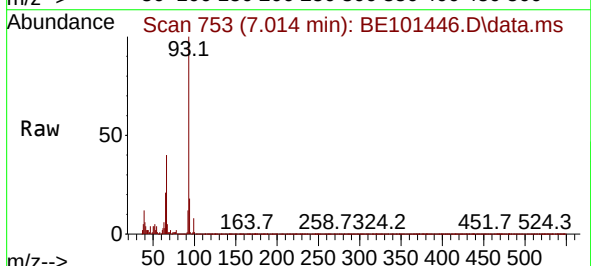
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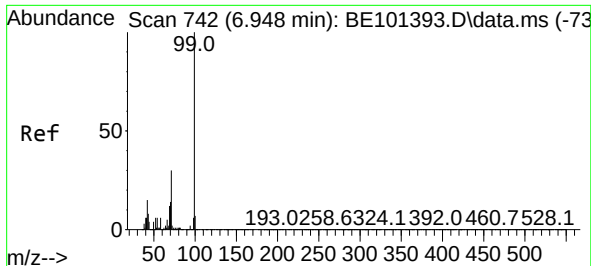
Reviewed By :Yogesh Patel 11/04/2024
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#6
Aniline
Concen: 57.968 ng
RT: 7.014 min Scan# 753
Delta R.T. 0.002 min
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Tgt Ion: 93 Resp: 302287
Ion Ratio Lower Upper
93 100
66 39.6 31.0 46.4
65 21.2 15.5 23.3





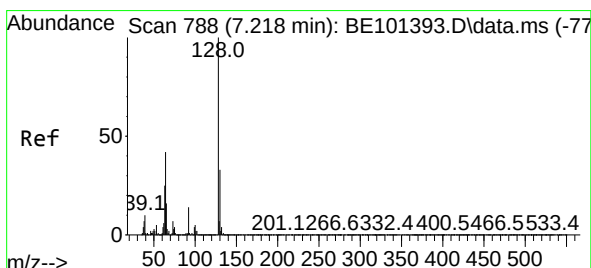
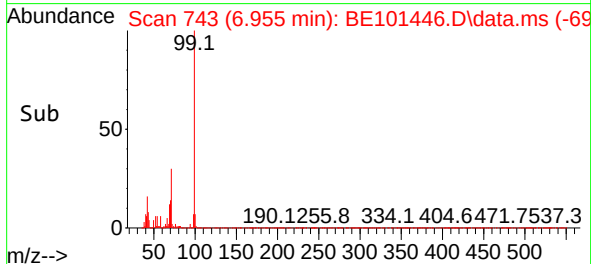
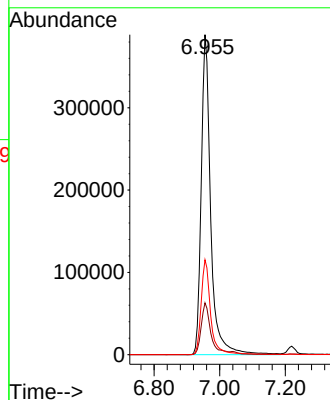
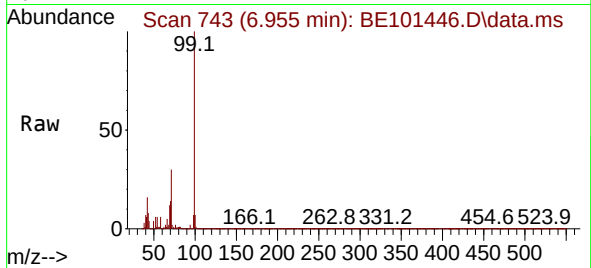
#7
Phenol-d6
Concen: 114.999 ng
RT: 6.955 min Scan# 742
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

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ClientSampleId :
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Tgt Ion: 99 Resp: 78249
Ion Ratio Lower Upper
99 100
42 16.2 12.3 18.5
71 29.6 23.8 35.8

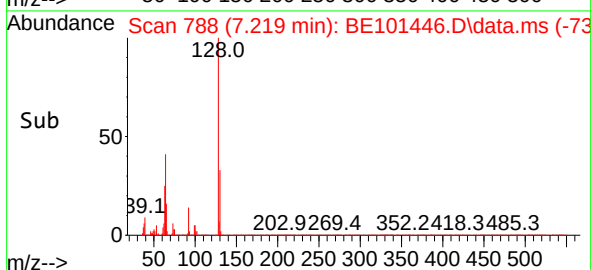
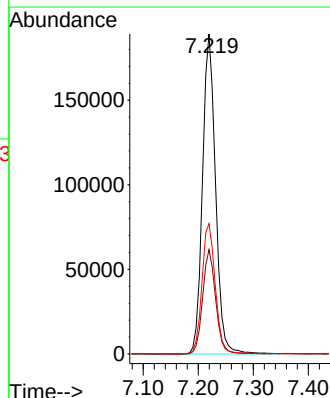
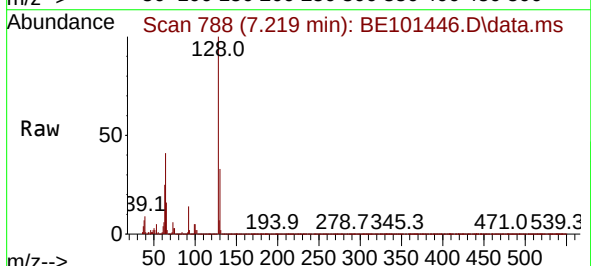
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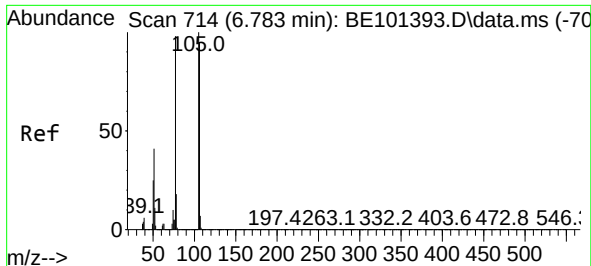
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#8
2-Chlorophenol
Concen: 52.959 ng
RT: 7.219 min Scan# 788
Delta R.T. 0.002 min
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Tgt Ion:128 Resp: 311698
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 40.7 22.3 62.3





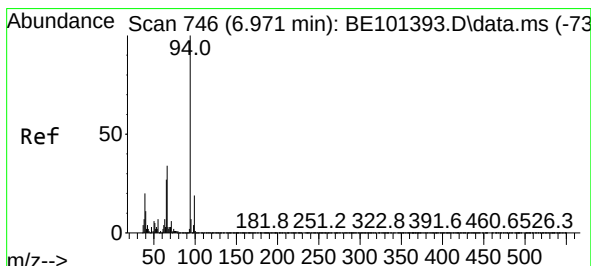
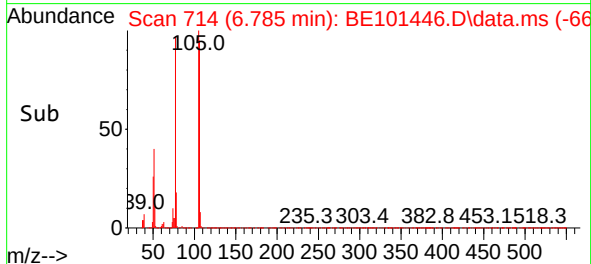
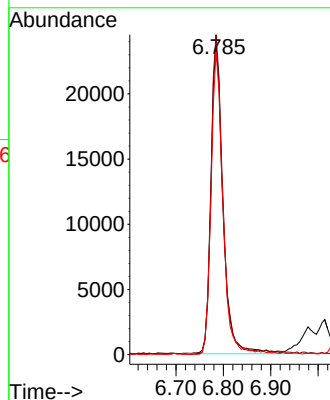
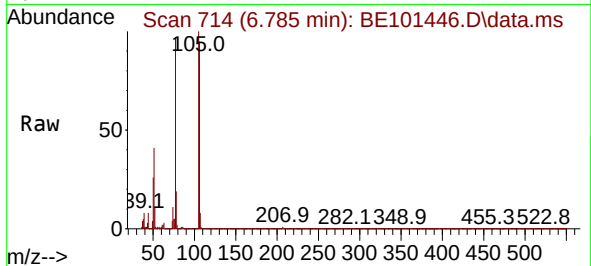
#9
Benzaldehyde
Concen: 12.859 ng
RT: 6.785 min Scan# 714
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :
BNA_E
ClientSampleId :
BP-F10MS

Tgt Ion: 77 Resp: 42239
Ion Ratio Lower Upper
77 100
105 103.3 81.9 121.9
106 97.8 76.5 116.5

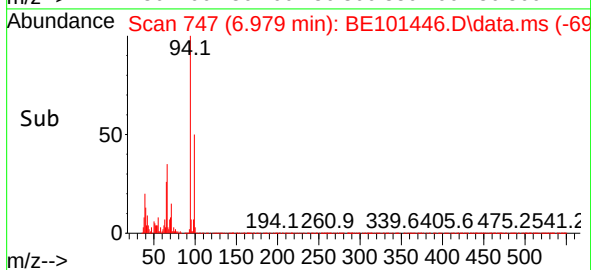
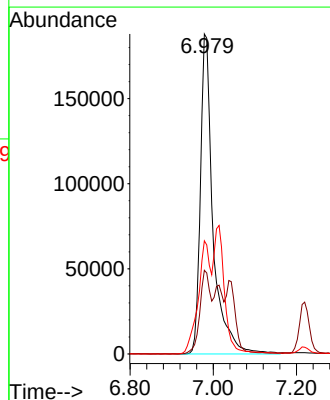
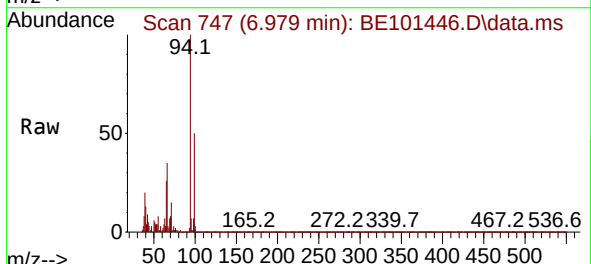
Manual Integrations
APPROVED

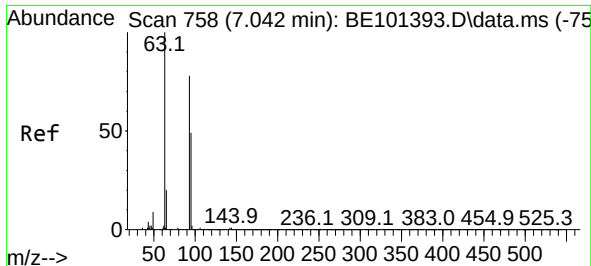
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 53.860 ng
RT: 6.979 min Scan# 747
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

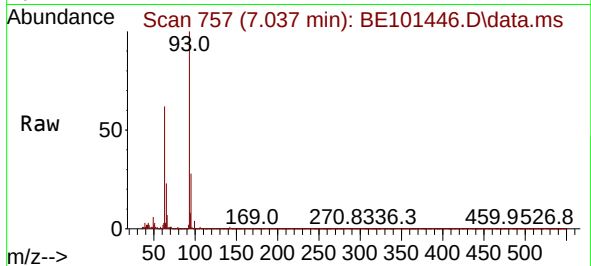
Tgt Ion: 94 Resp: 397639
Ion Ratio Lower Upper
94 100
65 26.2 6.8 46.8
66 35.4 14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 47.359 ng m
RT: 7.037 min Scan# 758
Delta R.T. -0.004 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

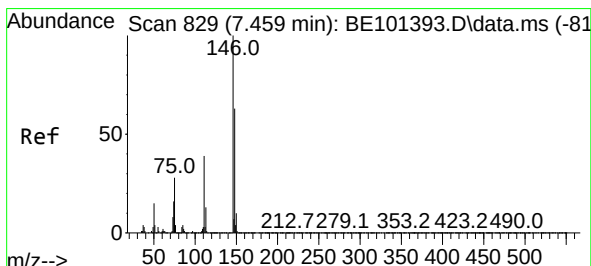
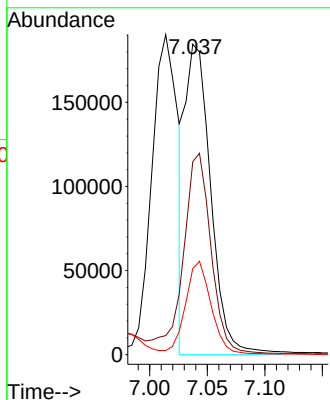
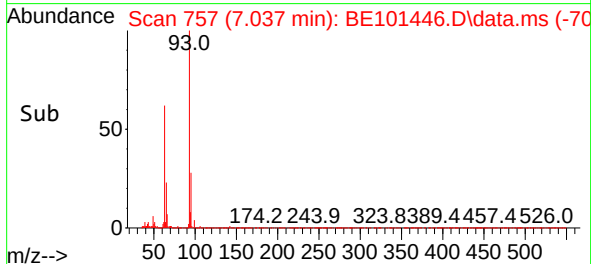
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion: 93 Resp: 28683
Ion Ratio Lower Upper
93 100
63 62.2 46.3 86.3
95 27.8 9.6 49.6

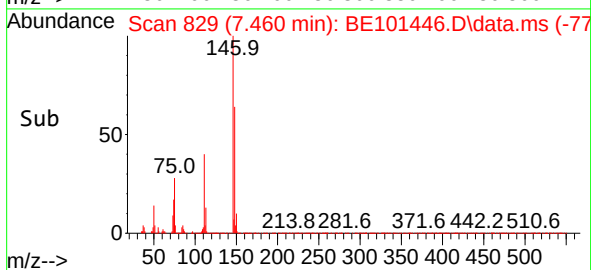
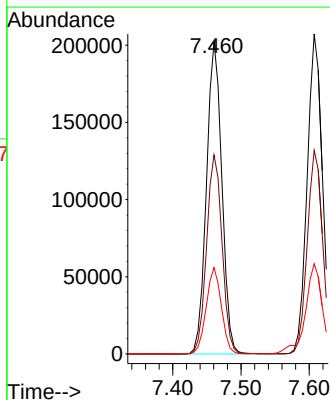
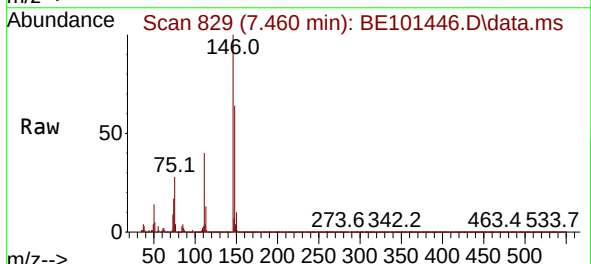
Manual Integrations
APPROVED

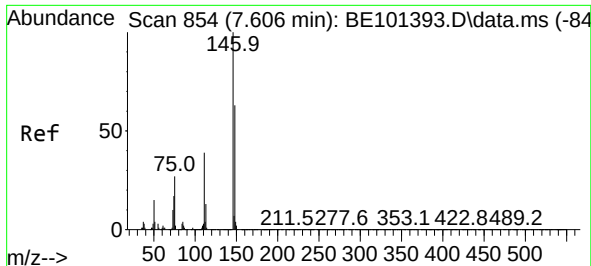
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 49.923 ng
RT: 7.460 min Scan# 829
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion:146 Resp: 316838
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 27.7 22.0 33.0





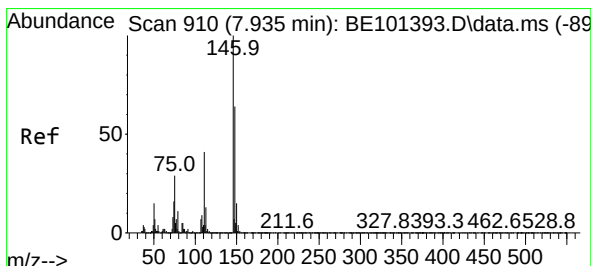
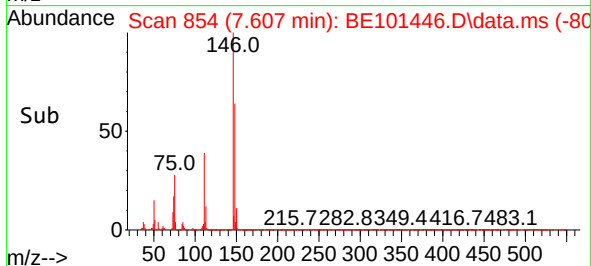
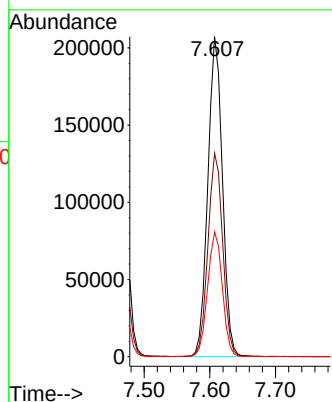
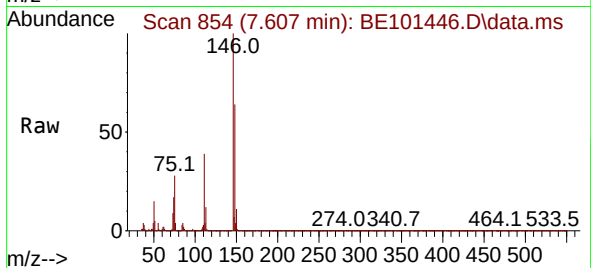
#13
1,4-Dichlorobenzene
Concen: 49.538 ng
RT: 7.607 min Scan# 854
Delta R.T. 0.001 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :
BNA_E
ClientSampleId :
BP-F10MS

Tgt Ion:146 Resp: 32105
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 38.9 31.6 47.4

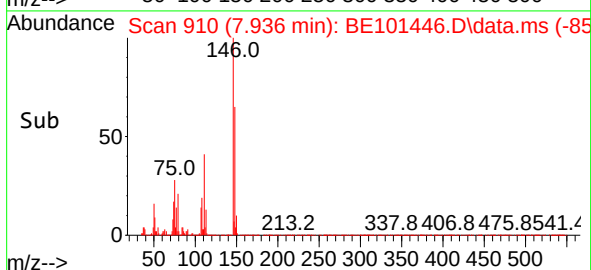
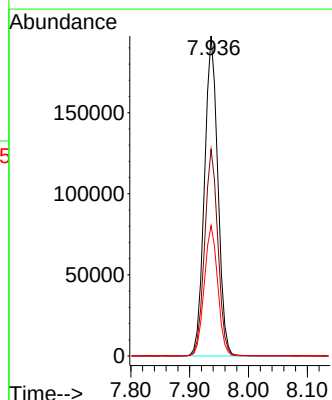
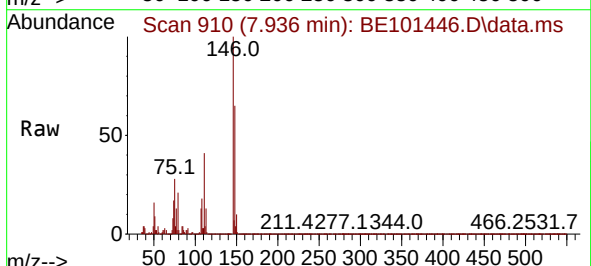
Manual Integrations
APPROVED

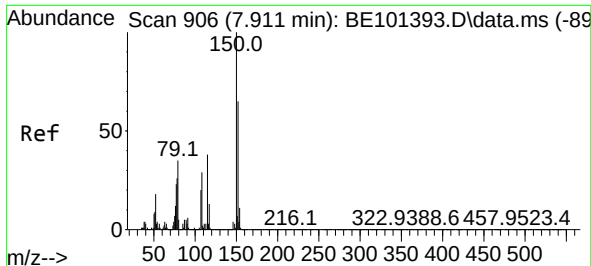
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 48.933 ng
RT: 7.936 min Scan# 910
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

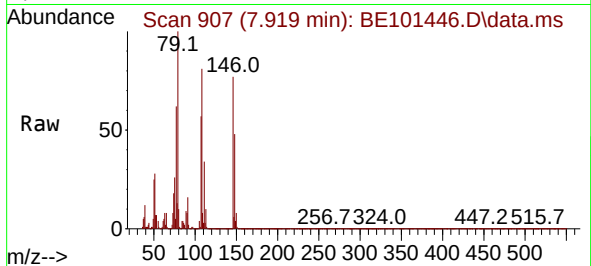
Tgt Ion:146 Resp: 310425
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 40.8 32.8 49.2





#15
Benzyl Alcohol
Concen: 50.949 ng
RT: 7.919 min Scan# 906
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

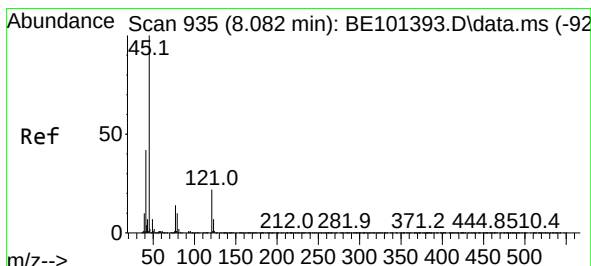
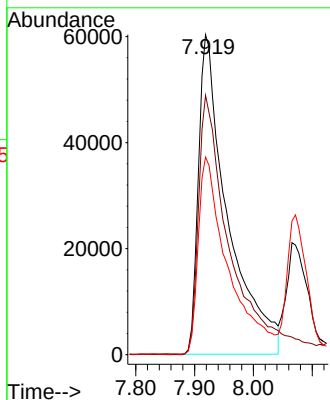
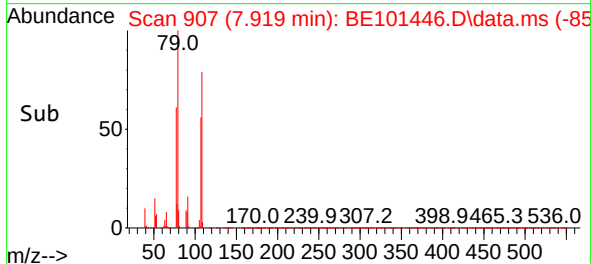
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion: 79 Resp: 20664
Ion Ratio Lower Upper
79 100
108 81.1 66.1 99.1
77 61.8 53.1 79.7

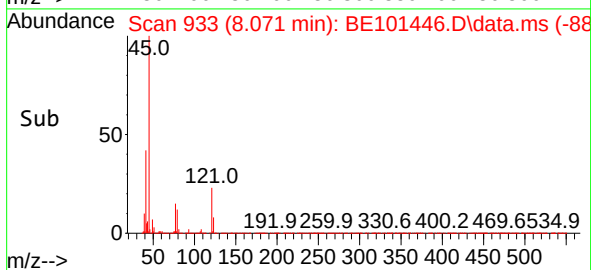
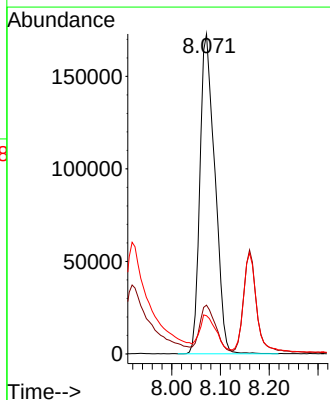
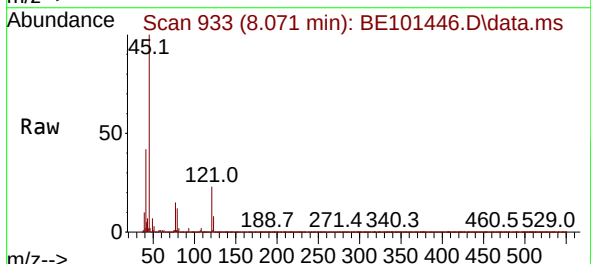
Manual Integrations
APPROVED

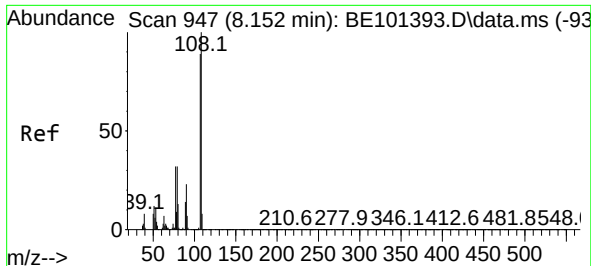
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.184 ng
RT: 8.071 min Scan# 933
Delta R.T. -0.010 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

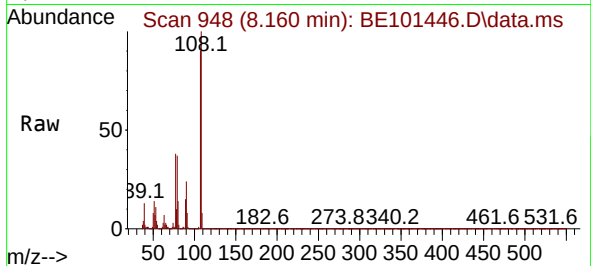
Tgt Ion: 45 Resp: 367253
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.5
79 12.0 0.0 31.8





#17
2-Methylphenol
Concen: 48.530 ng
RT: 8.160 min Scan# 947
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

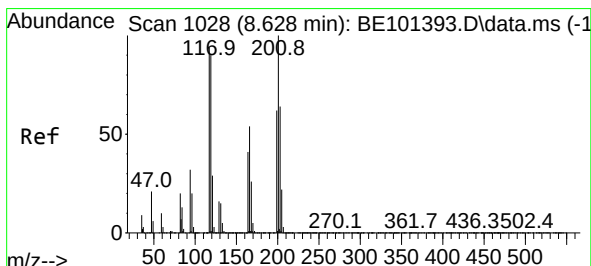
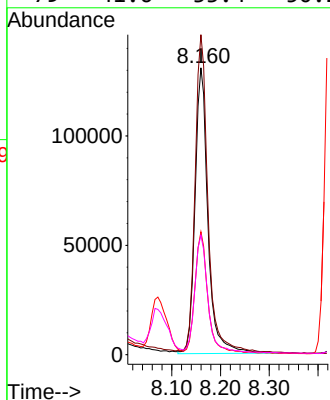
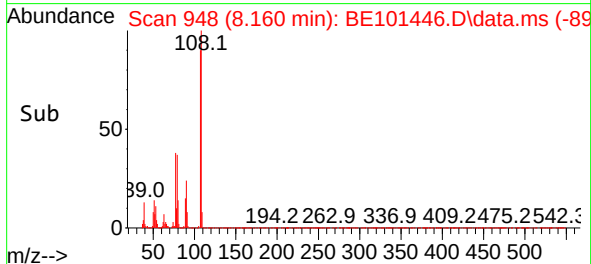
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion:107 Resp: 24249
Ion Ratio Lower Upper
107 100
108 111.6 90.0 135.0
77 42.9 34.2 51.4
79 41.6 33.4 50.2

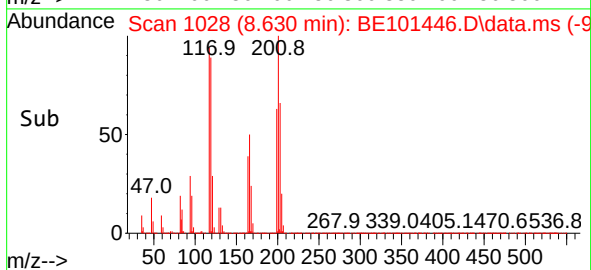
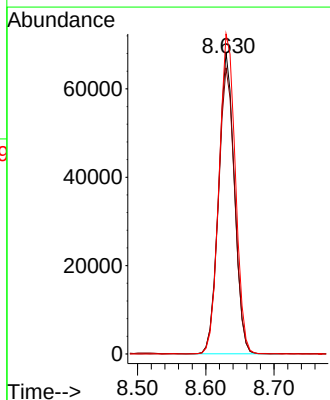
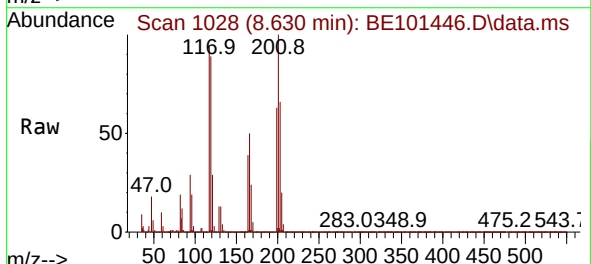
Manual Integrations
APPROVED

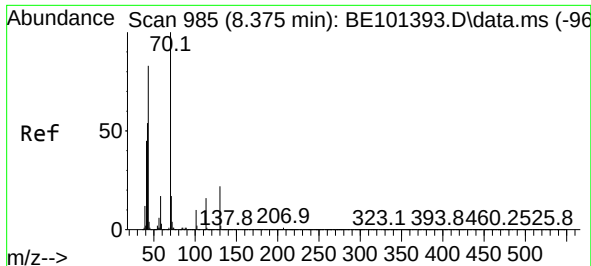
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 51.996 ng
RT: 8.630 min Scan# 1028
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

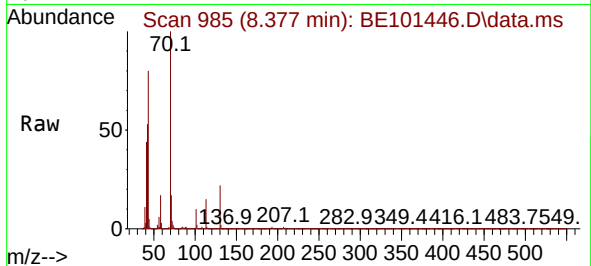
Tgt Ion:117 Resp: 110047
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.4
201 106.0 85.3 127.9





#19
n-Nitroso-di-n-propylamine
Concen: 45.824 ng
RT: 8.377 min Scan# 985
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

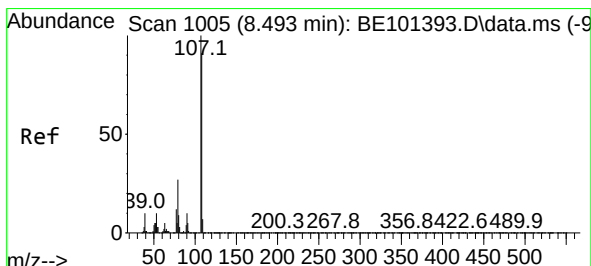
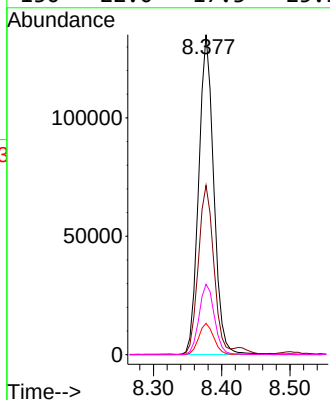
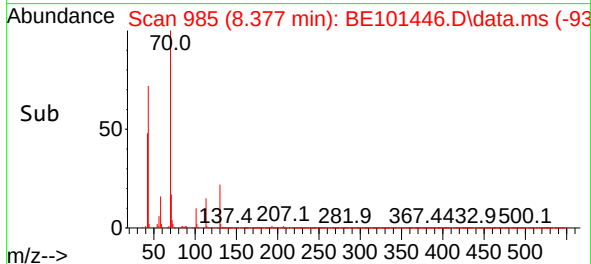
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



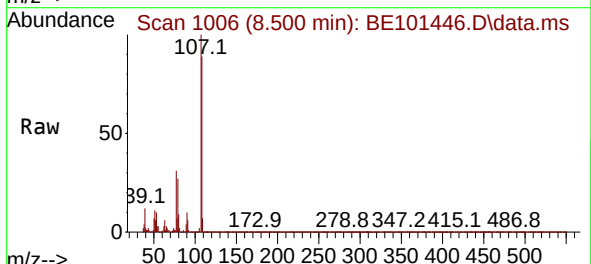
Tgt Ion: 70 Resp: 20690
Ion Ratio Lower Upper
70 100
42 52.9 43.4 65.0
101 9.8 8.1 12.1
130 22.0 17.3 25.9

Manual Integrations
APPROVED

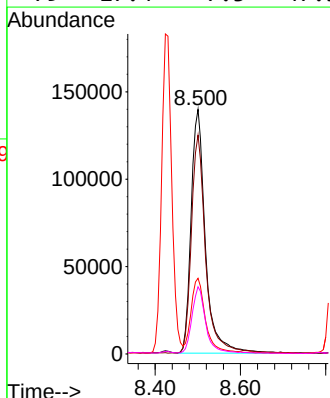
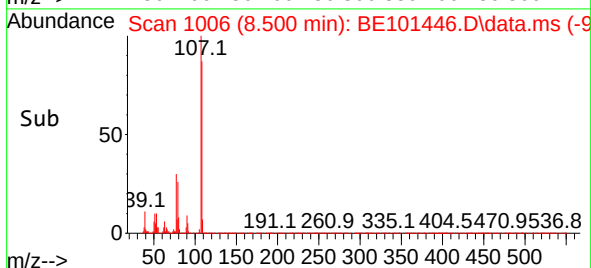
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

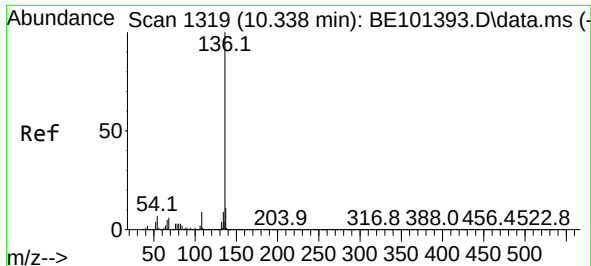


#20
3+4-Methylphenols
Concen: 47.280 ng
RT: 8.500 min Scan# 1006
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



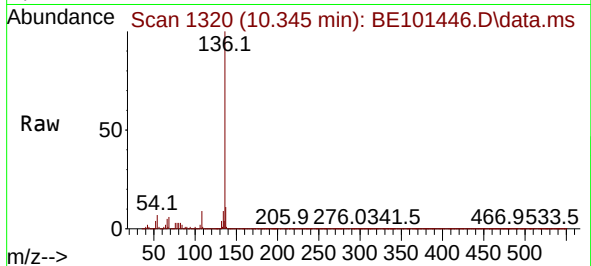
Tgt Ion:107 Resp: 326111
Ion Ratio Lower Upper
107 100
108 89.5 70.6 110.6
77 30.9 11.3 51.3
79 27.4 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.345 min Scan# 1320
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

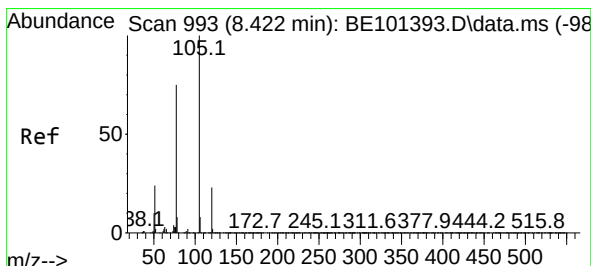
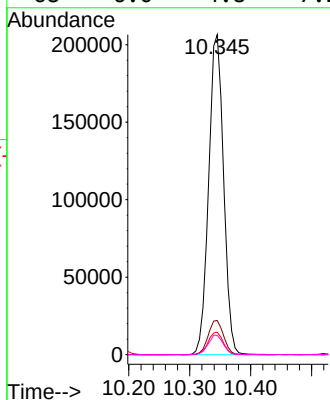
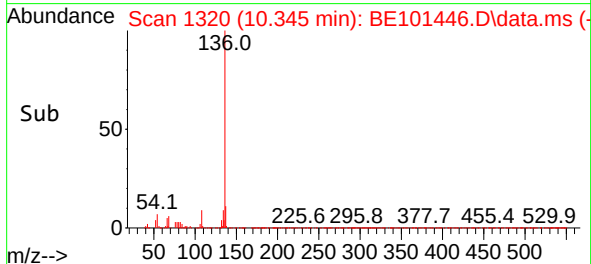
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion:	136	Resp:	35100
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	7.1	5.9	8.9
68	6.0	4.8	7.2

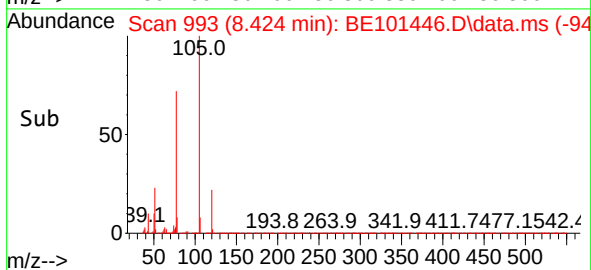
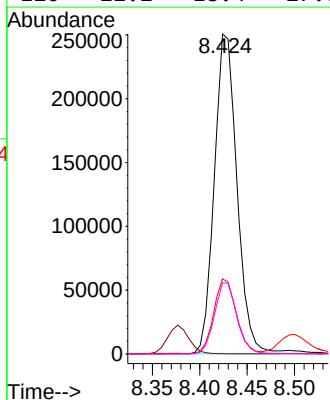
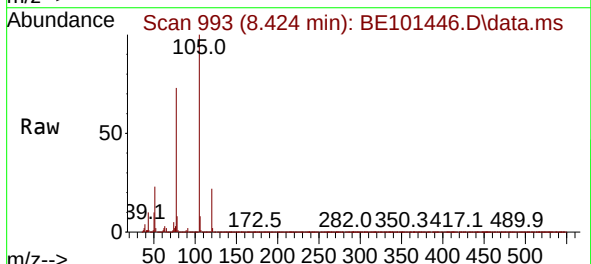
Manual Integrations
APPROVED

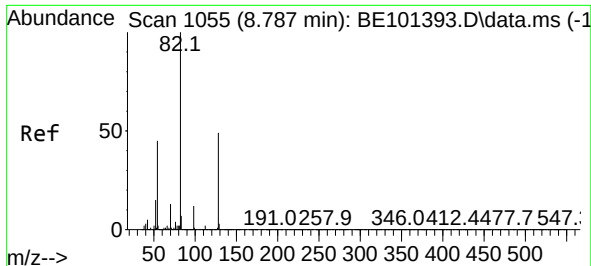
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 52.250 ng
RT: 8.424 min Scan# 993
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

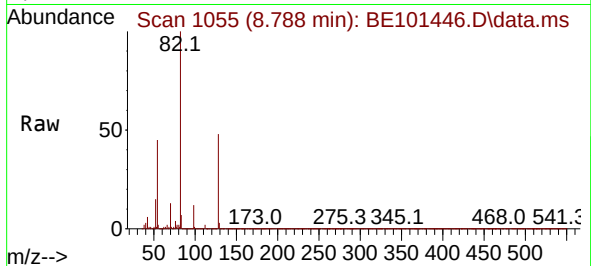
Tgt Ion:	105	Resp:	416428
Ion Ratio	Lower	Upper	
105	100		
71	0.1	0.1	0.1
51	23.4	19.4	29.0
120	22.2	18.4	27.6





#23
Nitrobenzene-d5
Concen: 80.847 ng
RT: 8.788 min Scan# 1055
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

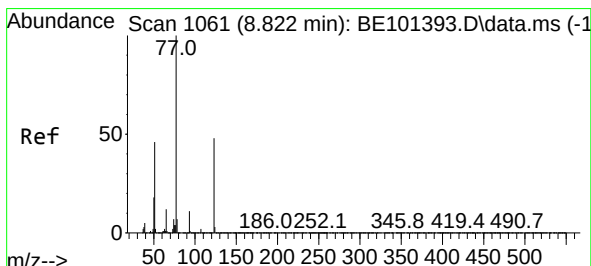
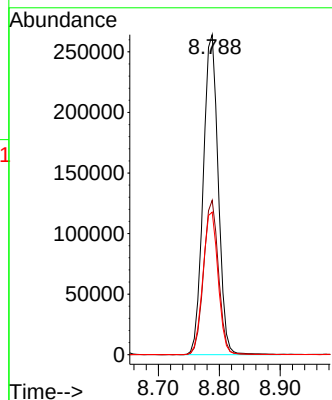
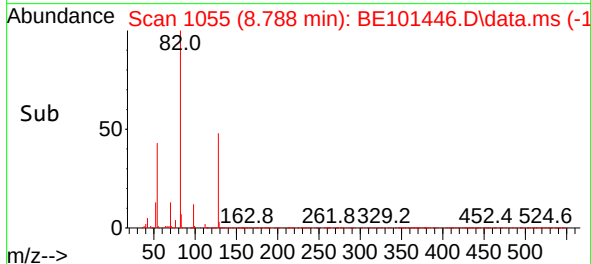
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



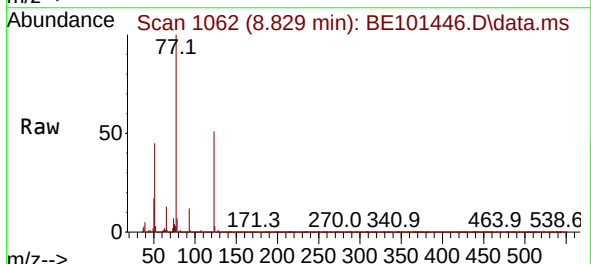
Tgt Ion: 82 Resp: 451808
Ion Ratio Lower Upper
82 100
128 48.2 38.9 58.3
54 44.6 36.2 54.4

Manual Integrations
APPROVED

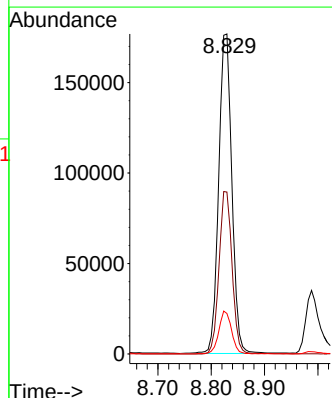
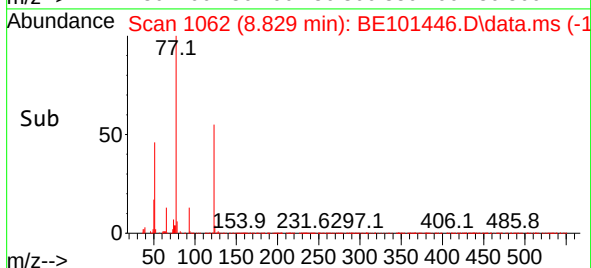
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

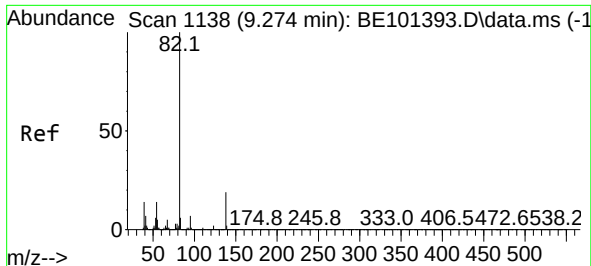


#24
Nitrobenzene
Concen: 50.853 ng
RT: 8.829 min Scan# 1062
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



Tgt Ion: 77 Resp: 302477
Ion Ratio Lower Upper
77 100
123 50.6 38.7 58.1
65 12.6 10.0 15.0





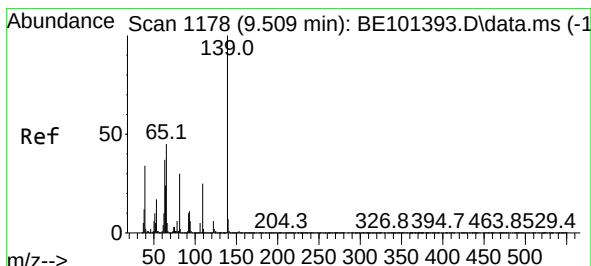
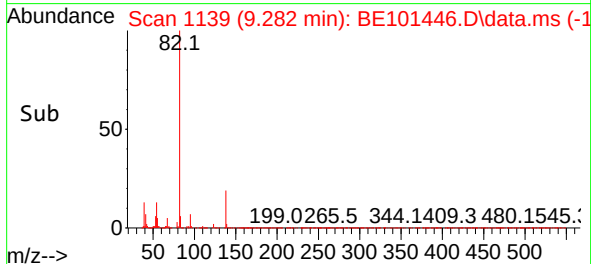
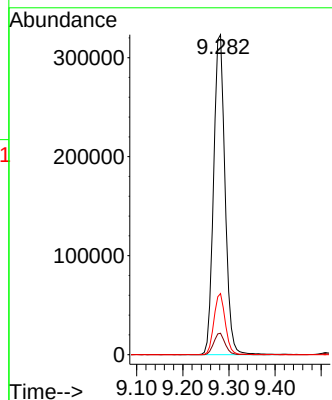
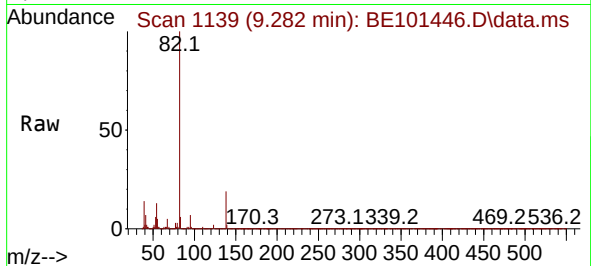
#25
Isophorone
Concen: 50.856 ng
RT: 9.282 min Scan# 1138
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :
BNA_E
ClientSampleId :
BP-F10MS

Tgt Ion: 82 Resp: 554592
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 19.1 15.0 22.4

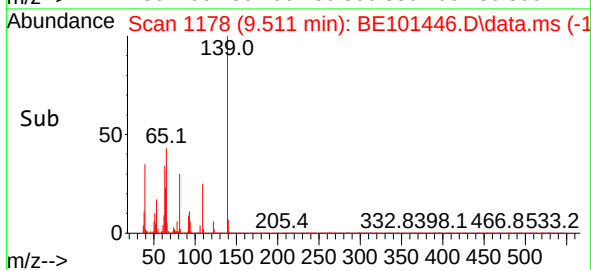
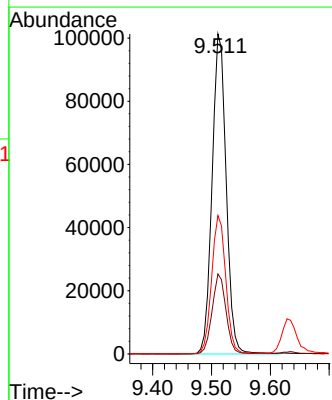
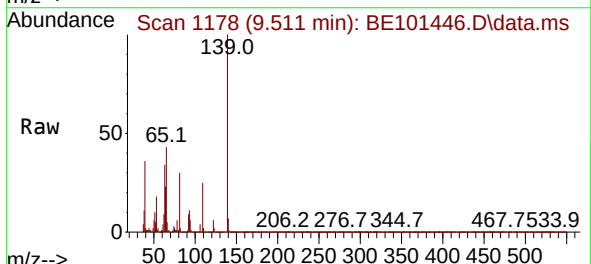
Manual Integrations
APPROVED

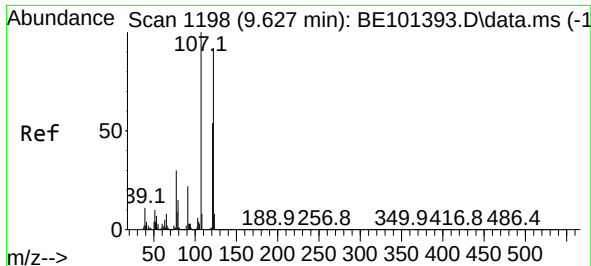
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 58.612 ng
RT: 9.511 min Scan# 1178
Delta R.T. 0.001 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

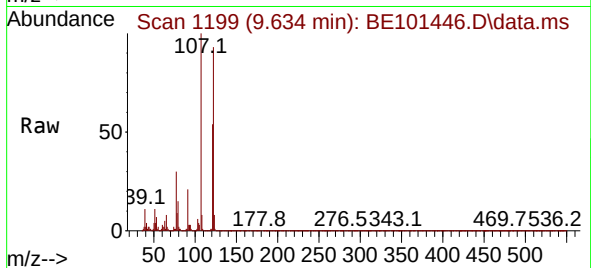
Tgt Ion:139 Resp: 168500
Ion Ratio Lower Upper
139 100
109 25.0 20.1 30.1
65 43.3 36.0 54.0





#27
2,4-Dimethylphenol
Concen: 65.106 ng
RT: 9.634 min Scan# 1199
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

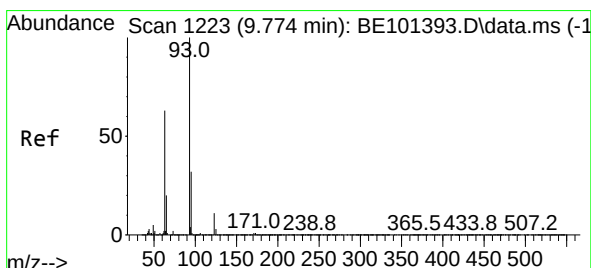
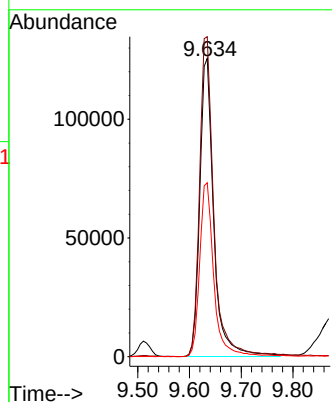
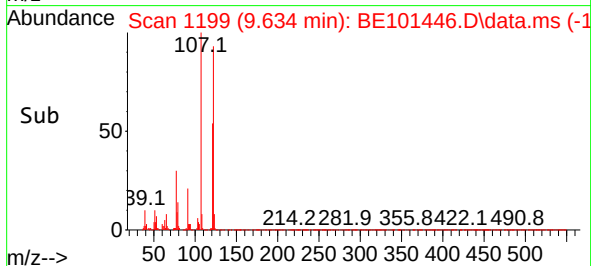
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion: 122 Resp: 23552
Ion Ratio Lower Upper
122 100
107 107.2 87.4 131.0
121 58.3 47.4 71.0

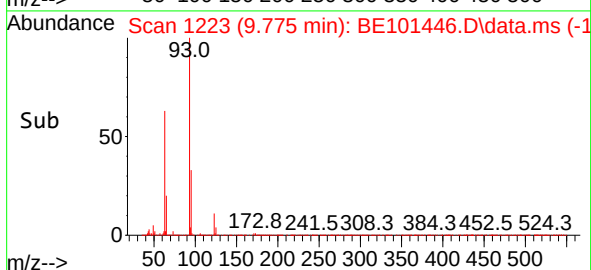
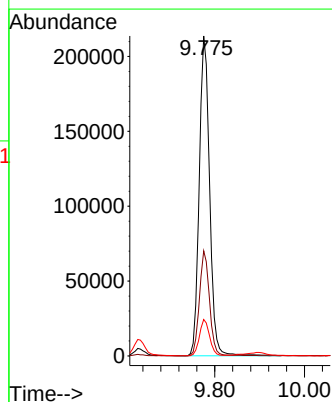
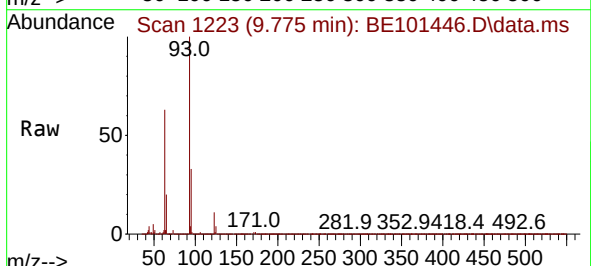
Manual Integrations
APPROVED

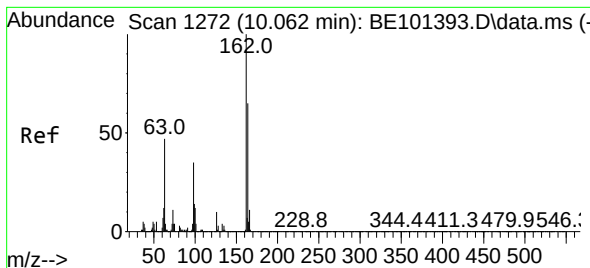
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.575 ng
RT: 9.775 min Scan# 1223
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion: 93 Resp: 341088
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 11.4 8.6 13.0





#29
2,4-Dichlorophenol
Concen: 54.882 ng
RT: 10.063 min Scan# 1272
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

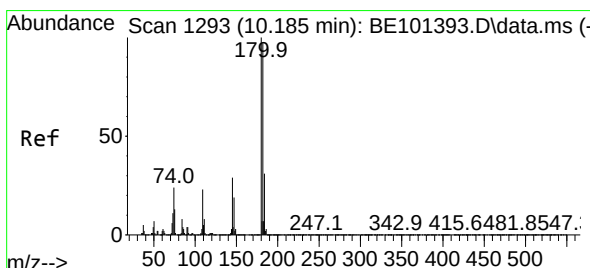
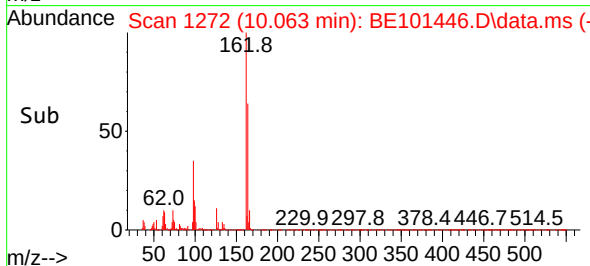
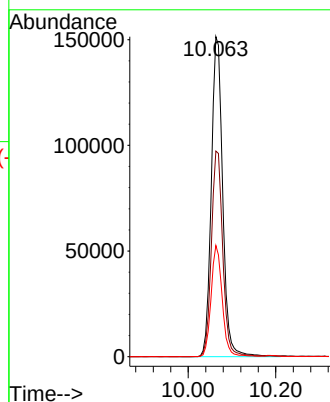
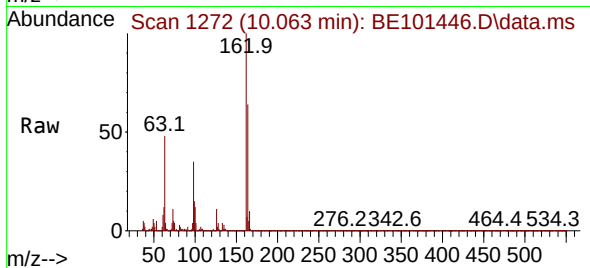
BP-F10MS

Tgt Ion:162 Resp: 274668
Ion Ratio Lower Upper
162 100
164 64.3 45.4 85.4
98 34.8 14.5 54.5

Manual Integrations

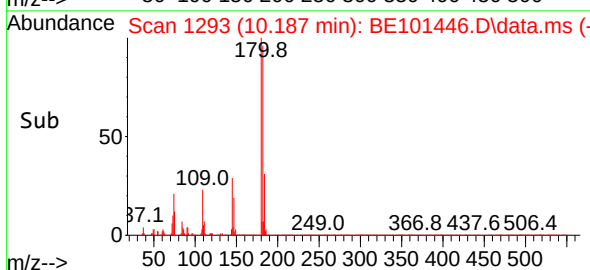
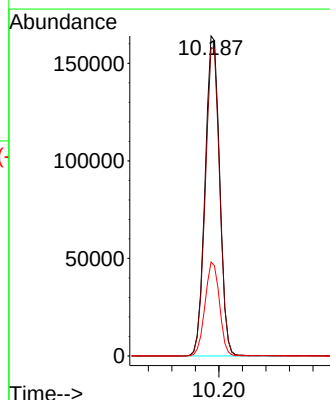
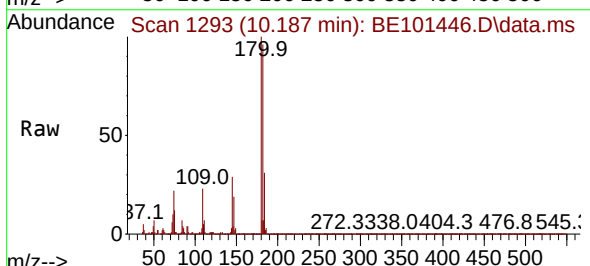
APPROVED

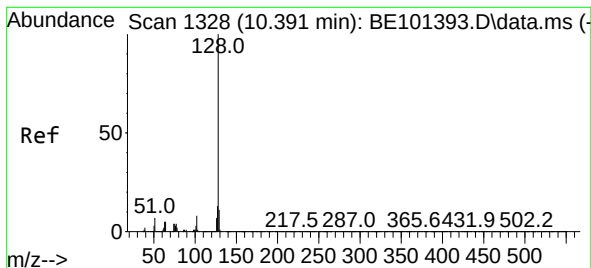
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 51.638 ng
RT: 10.187 min Scan# 1293
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion:180 Resp: 281528
Ion Ratio Lower Upper
180 100
182 96.4 77.4 116.0
145 29.3 23.3 34.9





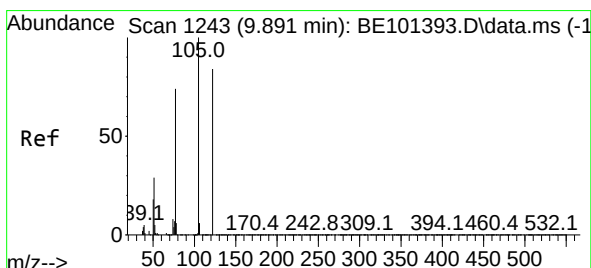
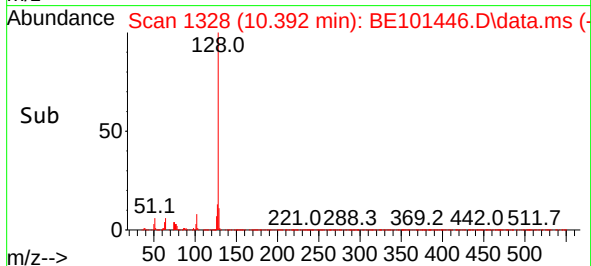
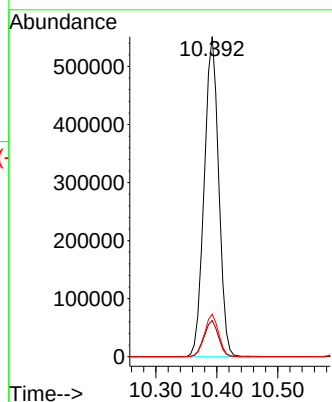
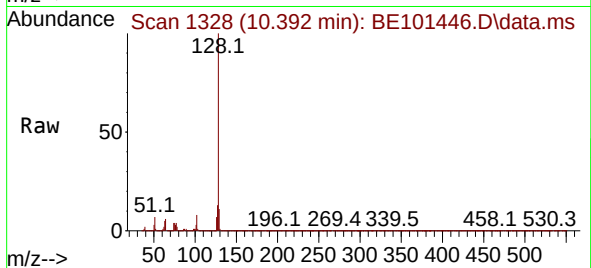
#31
Naphthalene
Concen: 50.805 ng
RT: 10.392 min Scan# 1328
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :
BNA_E
ClientSampleId :
BP-F10MS

Tgt Ion:128 Resp: 908754
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.3 15.5

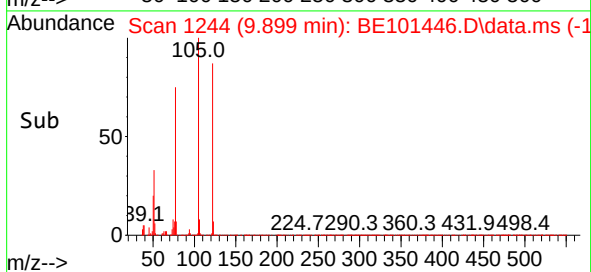
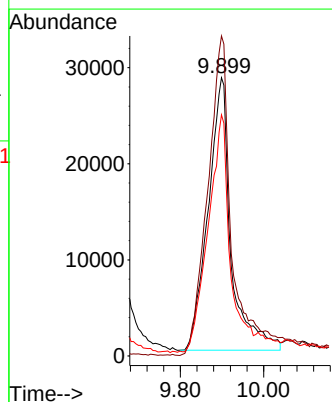
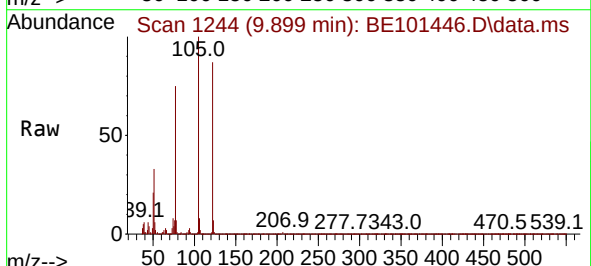
Manual Integrations
APPROVED

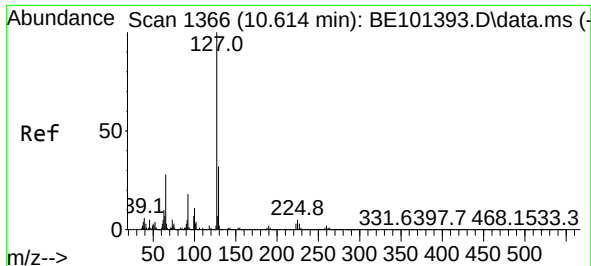
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 32.317 ng
RT: 9.899 min Scan# 1244
Delta R.T. 0.008 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

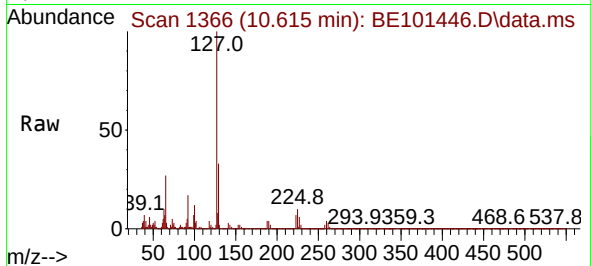
Tgt Ion:122 Resp: 108210
Ion Ratio Lower Upper
122 100
105 115.0 97.9 137.9
77 86.6 68.1 108.1





#33
4-Chloroaniline
Concen: 33.145 ng
RT: 10.615 min Scan# 1366
Delta R.T. 0.001 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

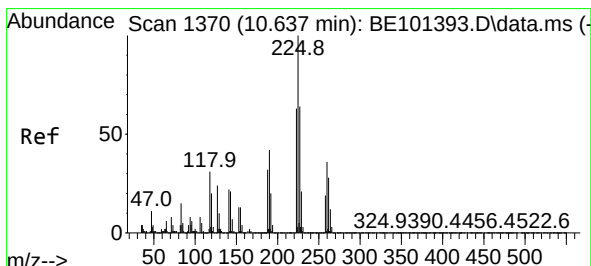
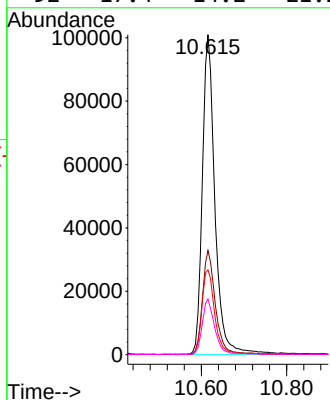
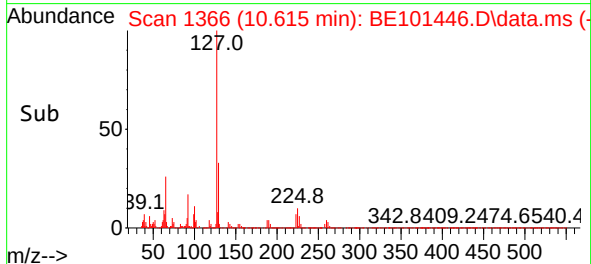
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion:127 Resp: 20615
Ion Ratio Lower Upper
127 100
129 32.6 25.7 38.5
65 26.5 22.2 33.4
92 17.4 14.2 21.2

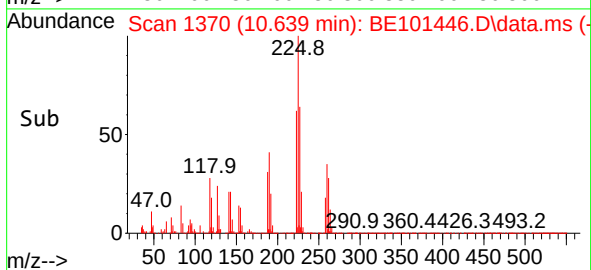
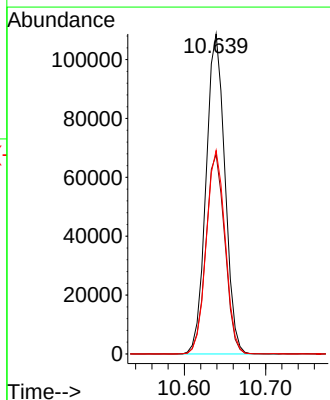
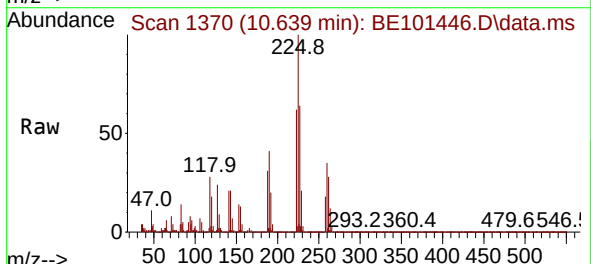
Manual Integrations
APPROVED

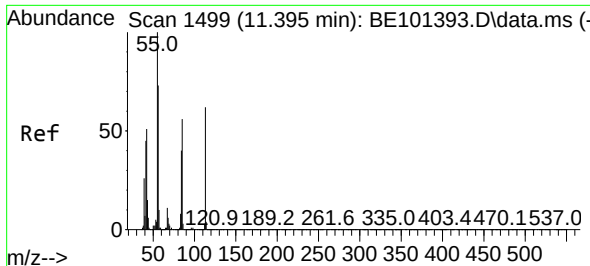
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 54.200 ng
RT: 10.639 min Scan# 1370
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

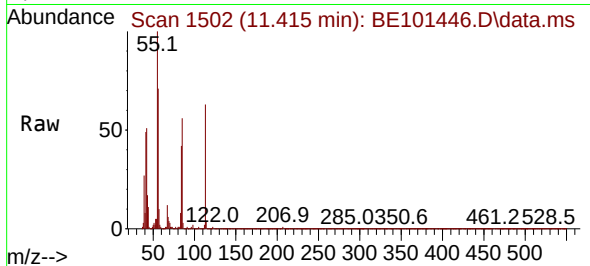
Tgt Ion:225 Resp: 174908
Ion Ratio Lower Upper
225 100
223 62.4 50.5 75.7
227 63.6 51.0 76.6





#35
Caprolactam
Concen: 45.876 ng m
RT: 11.415 min Scan# 113
Delta R.T. 0.019 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

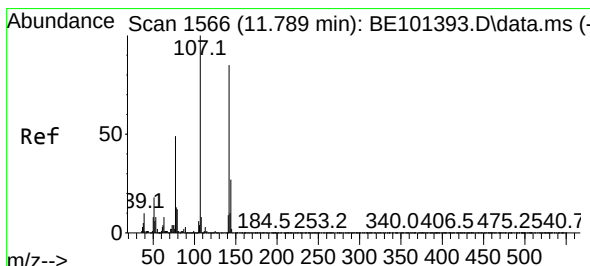
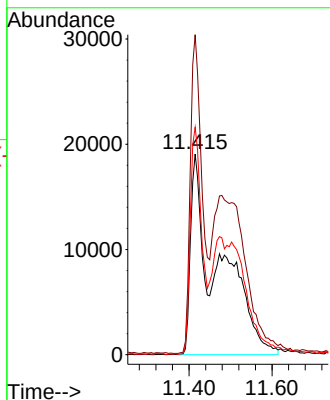
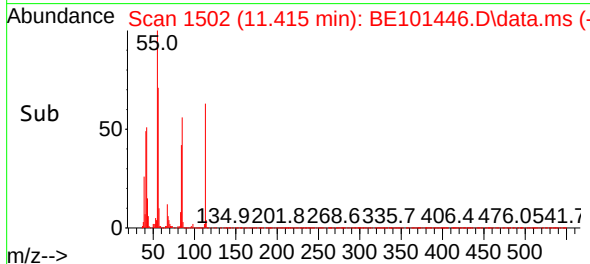
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



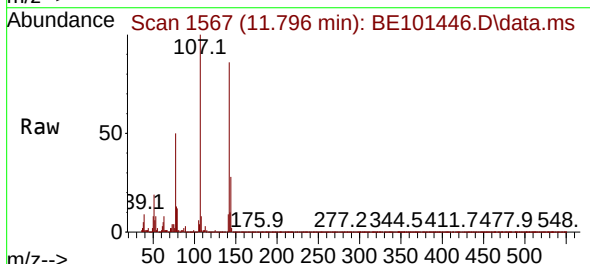
Tgt Ion:113 Resp: 8800
Ion Ratio Lower Upper
113 100
55 159.5 141.2 181.2
56 113.3 96.9 136.9

Manual Integrations
APPROVED

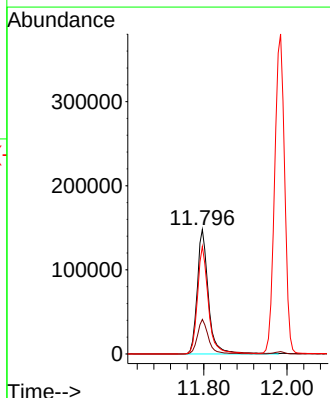
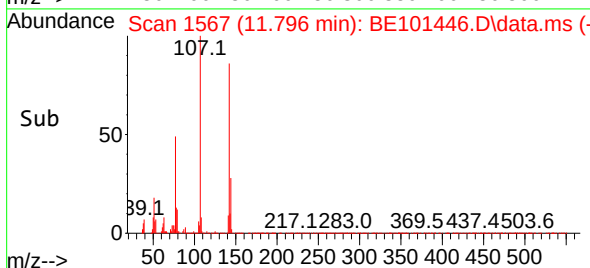
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

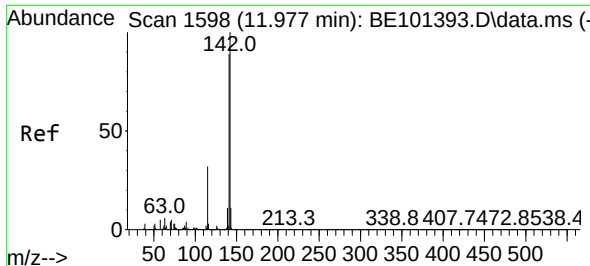


#36
4-Chloro-3-methylphenol
Concen: 48.346 ng
RT: 11.796 min Scan# 1567
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



Tgt Ion:107 Resp: 275492
Ion Ratio Lower Upper
107 100
144 27.8 21.9 32.9
142 86.3 68.0 102.0





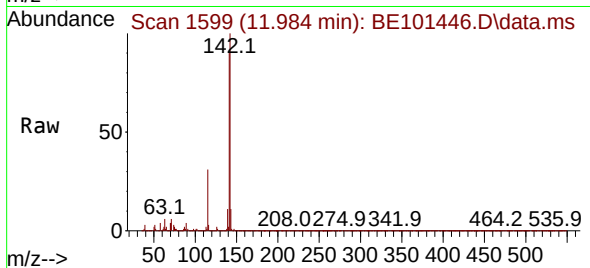
#37
2-Methylnaphthalene
Concen: 49.139 ng
RT: 11.984 min Scan# 1598
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

BP-F10MS



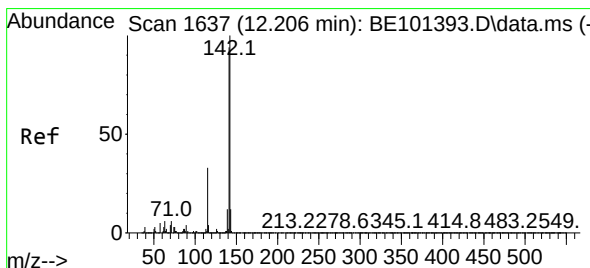
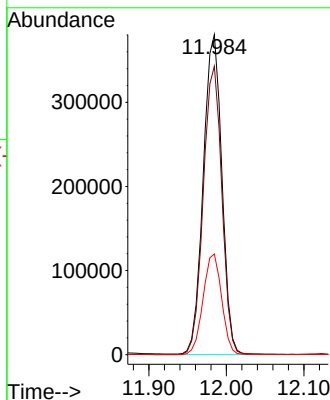
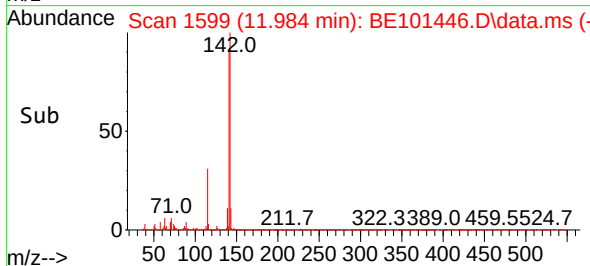
Tgt Ion:142 Resp: 633238
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.2
115 31.4 25.6 38.4

Manual Integrations

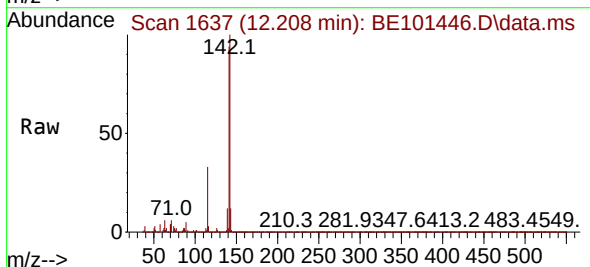
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

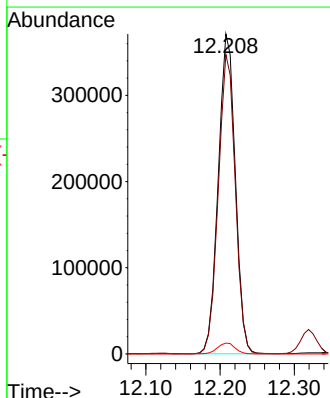
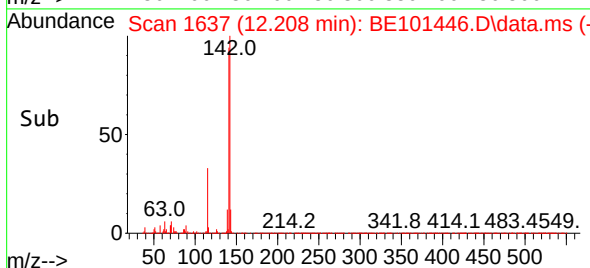
Supervised By :mohammad ahmed 11/04/2024

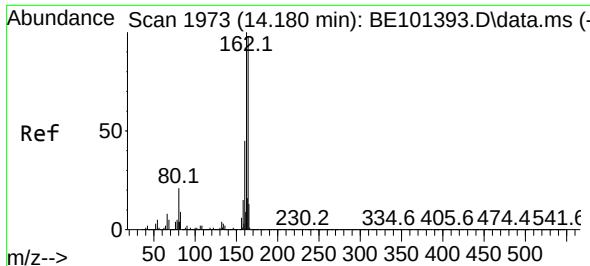


#38
1-Methylnaphthalene
Concen: 46.033 ng
RT: 12.208 min Scan# 1637
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



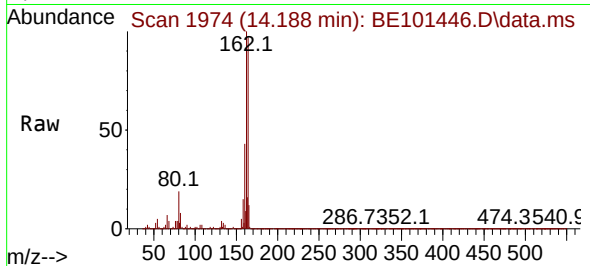
Tgt Ion:142 Resp: 592043
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4
116 3.4 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.188 min Scan# 1973
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

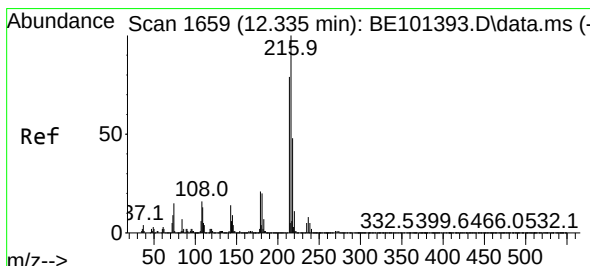
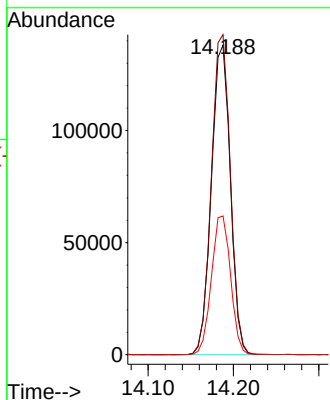
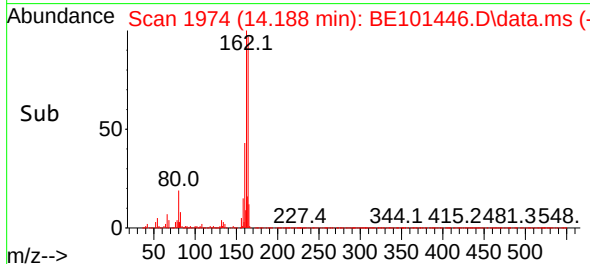
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



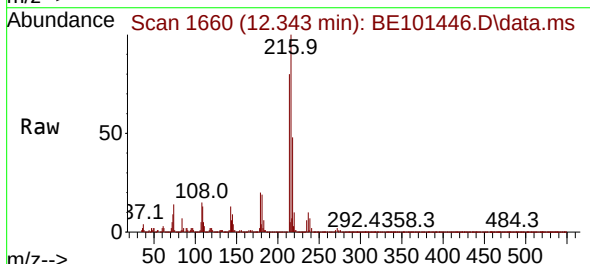
Tgt Ion:164 Resp: 212735
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 44.8 36.4 54.6

Manual Integrations
APPROVED

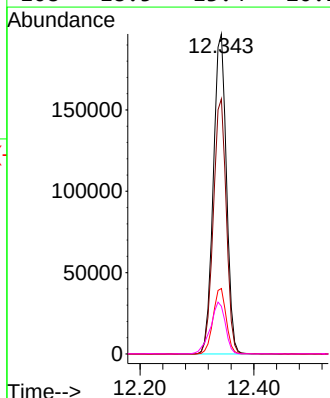
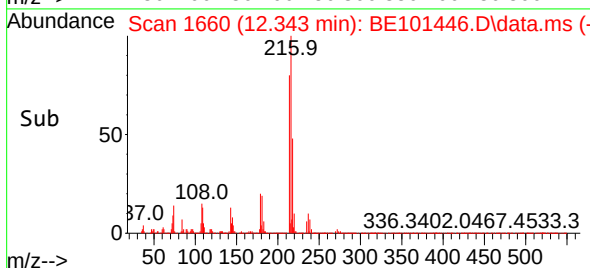
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

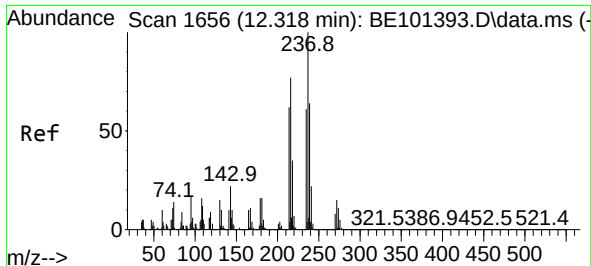


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.624 ng
RT: 12.343 min Scan# 1660
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



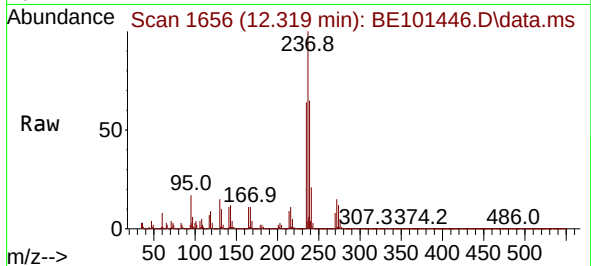
Tgt Ion:216 Resp: 313075
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 20.5 16.7 25.1
108 18.5 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 226.104 ng
RT: 12.319 min Scan# 1656
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

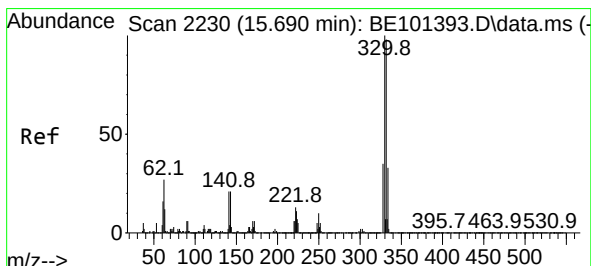
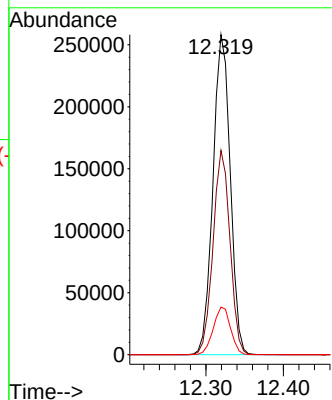
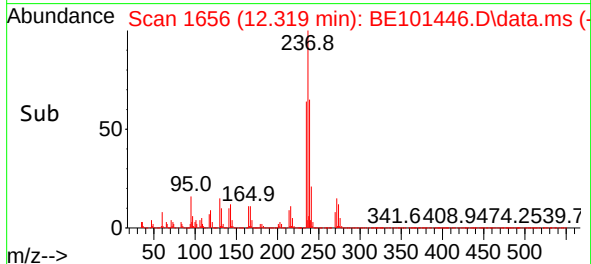
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion: 237 Resp: 398785
Ion Ratio Lower Upper
237 100
235 63.8 41.3 81.3
272 14.9 0.0 34.6

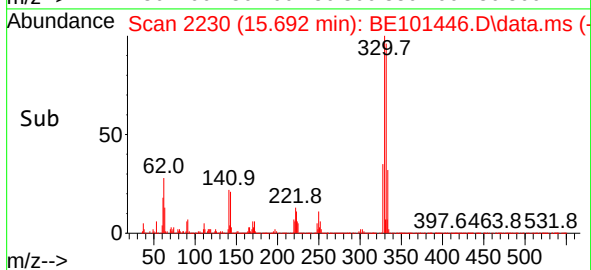
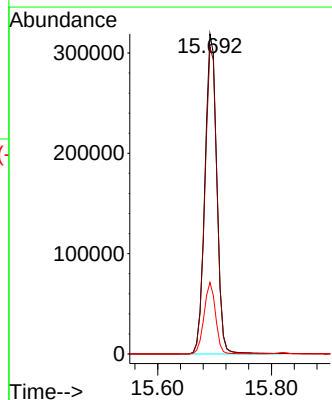
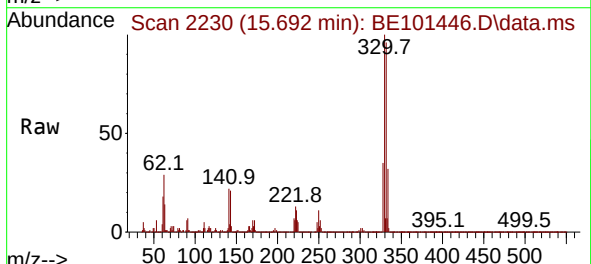
Manual Integrations
APPROVED

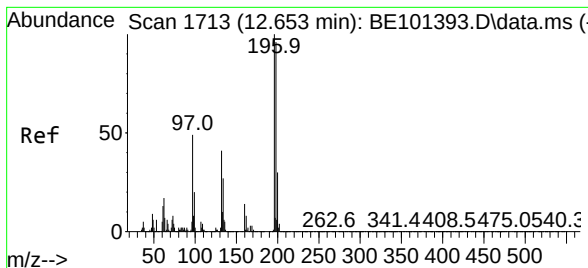
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#42
2,4,6-Tribromophenol
Concen: 123.702 ng
RT: 15.692 min Scan# 2230
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

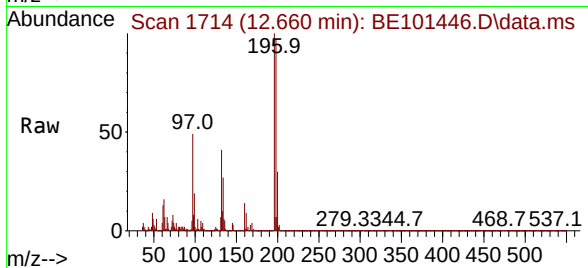
Tgt Ion: 330 Resp: 461229
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 21.8 18.3 27.5





#43
2,4,6-Trichlorophenol
Concen: 60.370 ng
RT: 12.660 min Scan# 1714
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

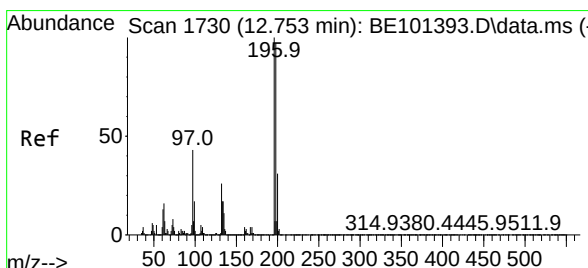
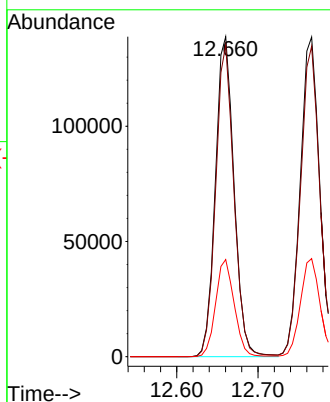
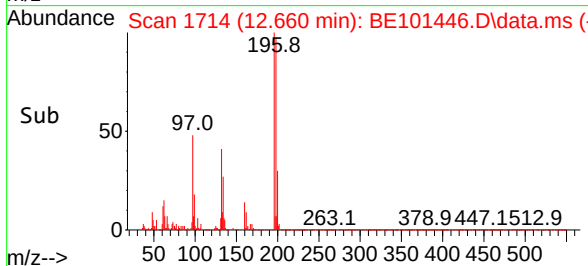
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



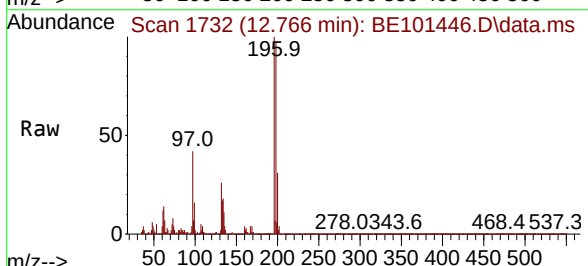
Tgt Ion:196 Resp: 222258
Ion Ratio Lower Upper
196 100
198 97.4 76.6 115.0
200 30.4 24.1 36.1

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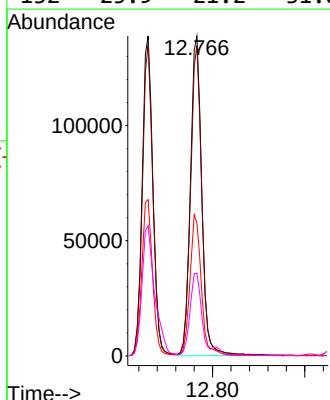
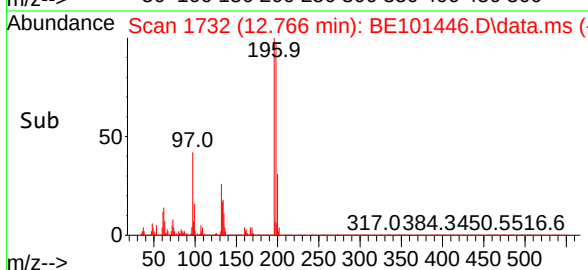
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

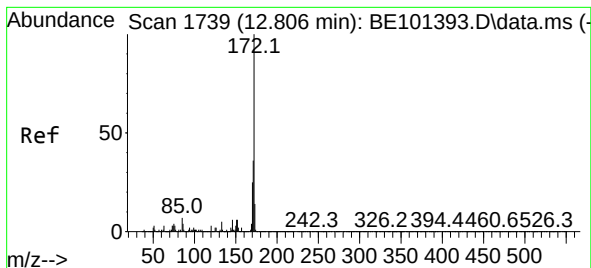


#44
2,4,5-Trichlorophenol
Concen: 56.172 ng
RT: 12.766 min Scan# 1732
Delta R.T. 0.013 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



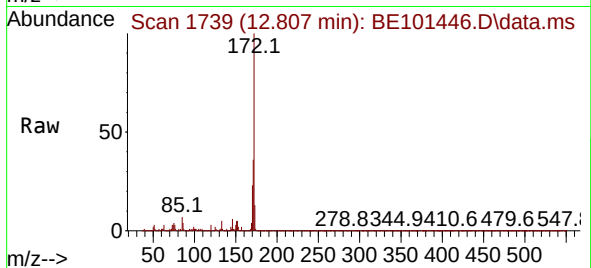
Tgt Ion:196 Resp: 236822
Ion Ratio Lower Upper
196 100
198 97.1 77.4 116.0
97 41.6 34.8 52.2
132 25.9 21.2 31.8





#45
2-Fluorobiphenyl
Concen: 82.557 ng
RT: 12.807 min Scan# 1739
Delta R.T. 0.001 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

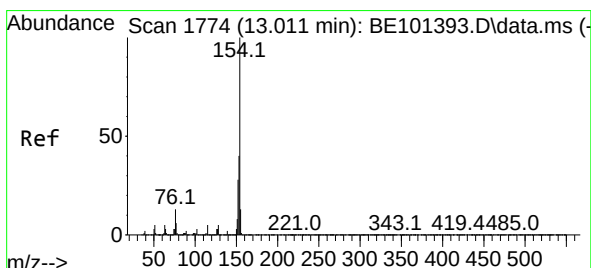
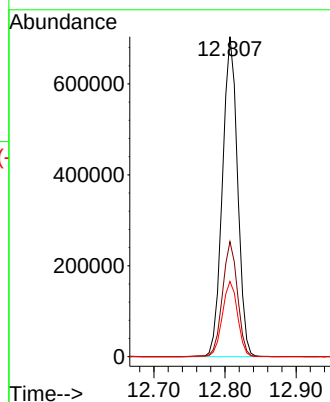
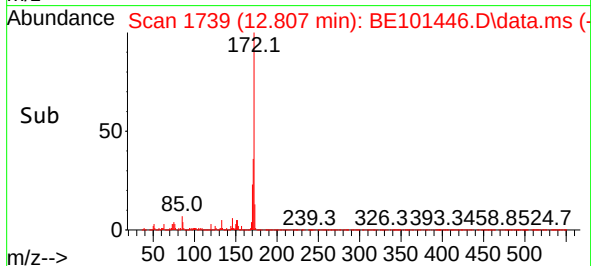
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion:172 Resp: 103704
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 23.5 19.8 29.6

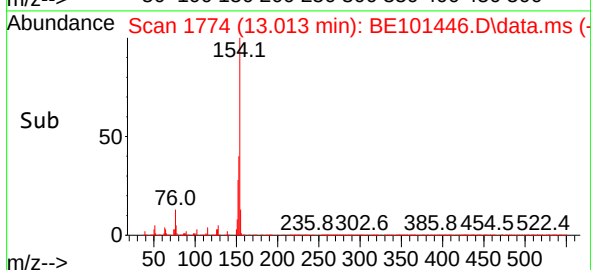
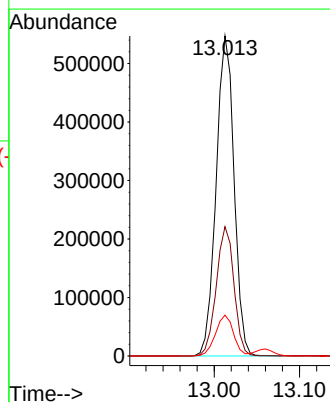
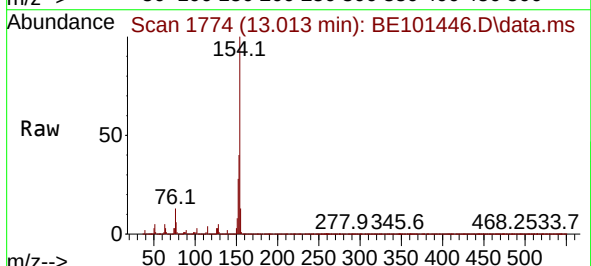
Manual Integrations
APPROVED

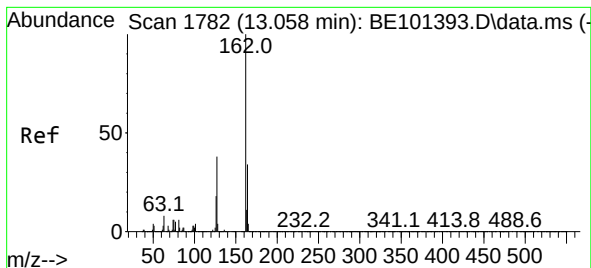
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#46
1,1'-Biphenyl
Concen: 54.758 ng
RT: 13.013 min Scan# 1774
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion:154 Resp: 798089
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 12.8 0.0 32.6





#47

2-Chloronaphthalene

Concen: 54.558 ng

RT: 13.060 min Scan# 1782

Delta R.T. 0.001 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

BP-F10MS

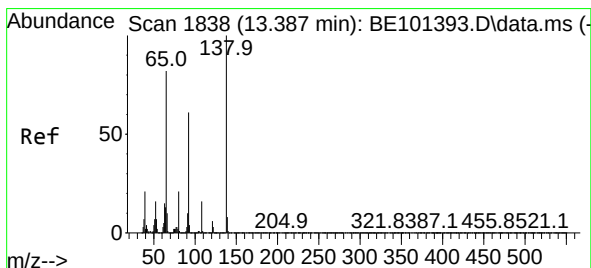
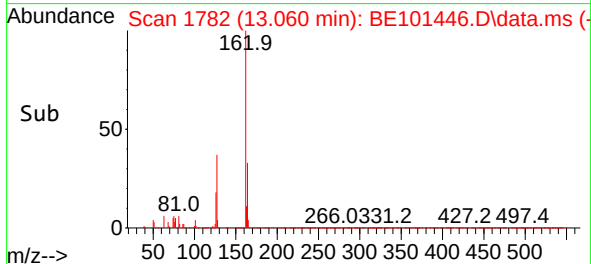
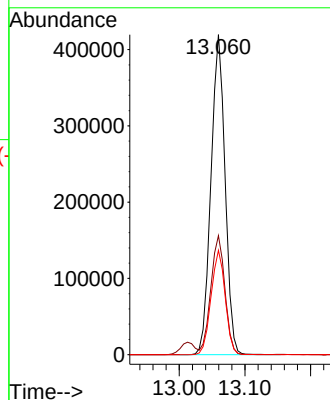
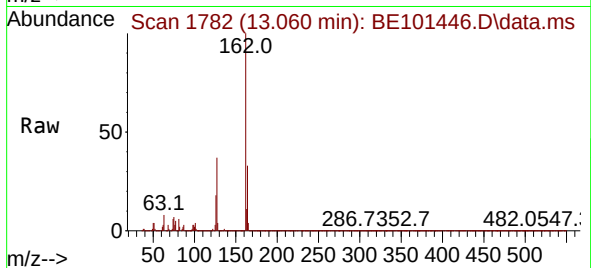
Tgt Ion:	162	Resp:	62823
Ion Ratio	Lower	Upper	
162	100		
127	37.2	30.4	45.6
164	32.6	27.0	40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#48

2-Nitroaniline

Concen: 57.184 ng

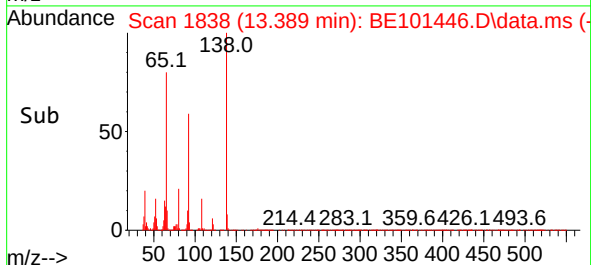
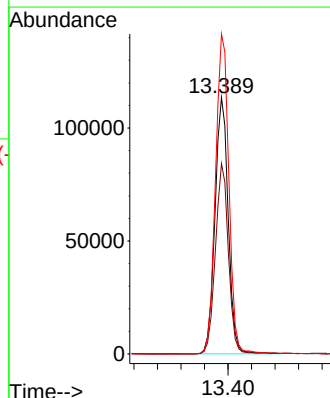
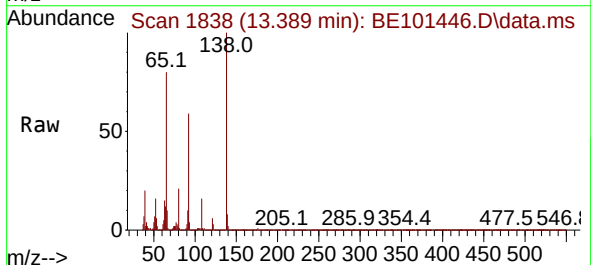
RT: 13.389 min Scan# 1838

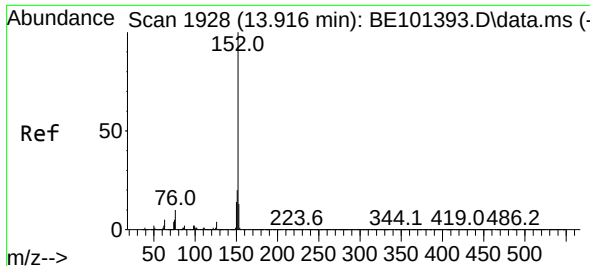
Delta R.T. 0.002 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

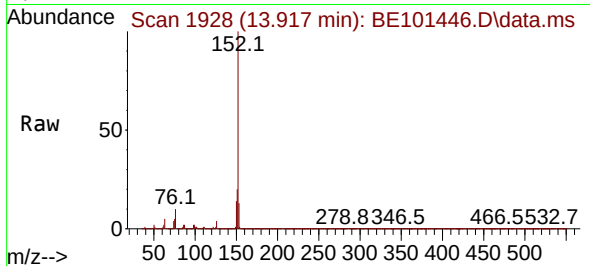
Tgt Ion:	65	Resp:	177207
Ion Ratio	Lower	Upper	
65	100		
92	74.2	59.0	88.4
138	124.8	97.4	146.0





#49
Acenaphthylene
Concen: 58.690 ng
RT: 13.917 min Scan# 1928
Delta R.T. 0.001 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

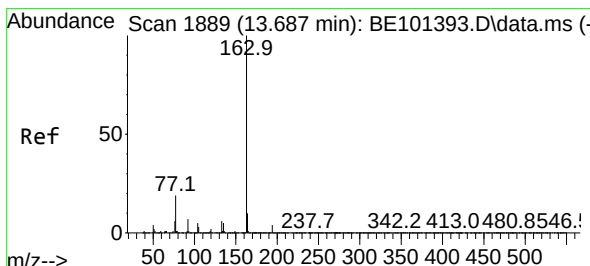
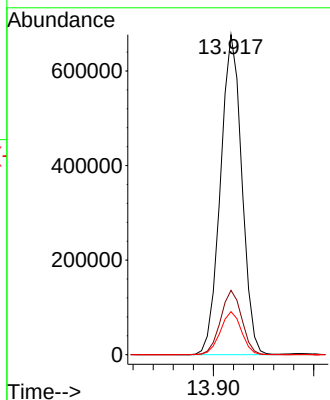
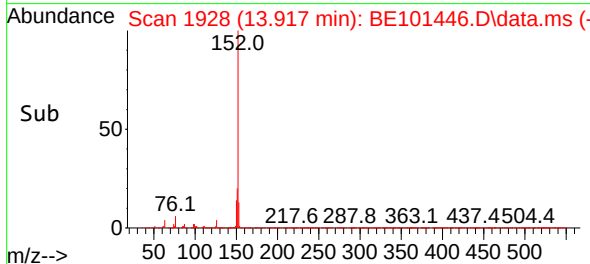
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



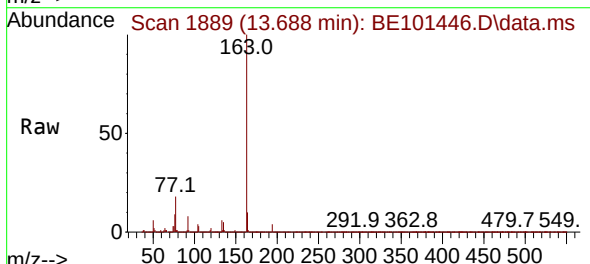
Tgt Ion:152 Resp: 99942
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.4 10.5 15.7

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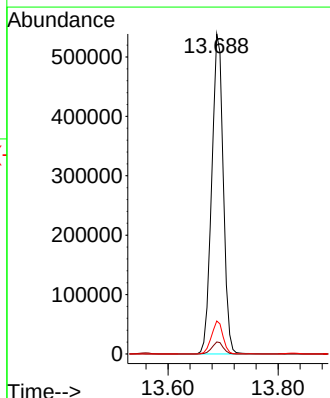
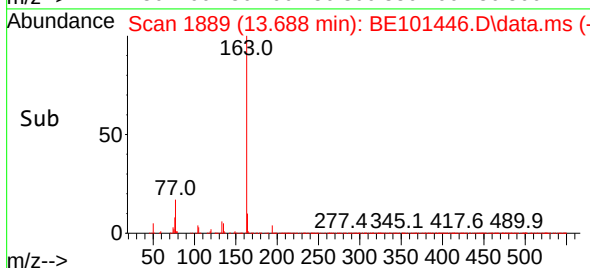
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

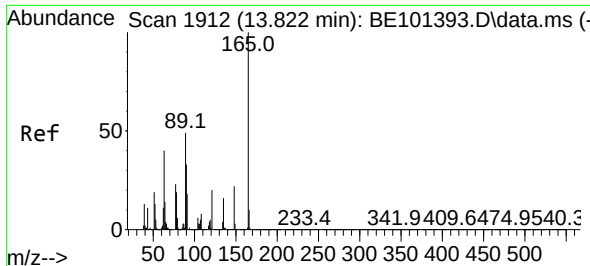


#50
Dimethylphthalate
Concen: 52.206 ng
RT: 13.688 min Scan# 1889
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



Tgt Ion:163 Resp: 783944
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.3 8.4 12.6





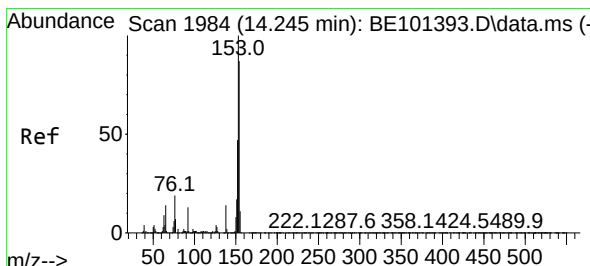
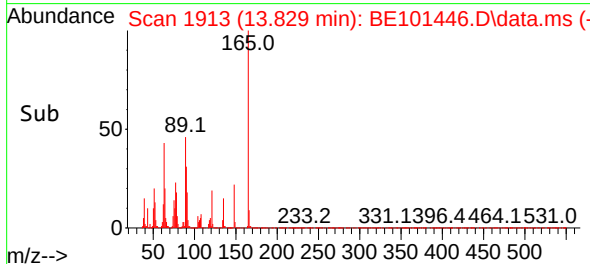
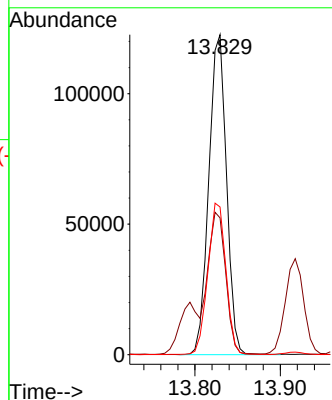
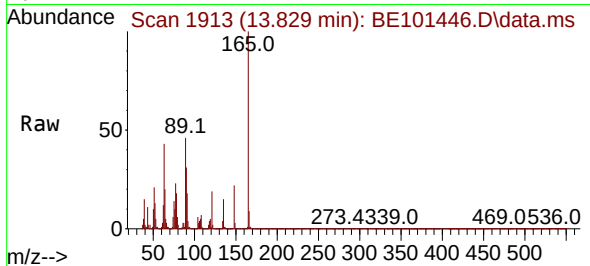
#51
2,6-Dinitrotoluene
Concen: 50.861 ng
RT: 13.829 min Scan# 1912
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :
BNA_E
ClientSampleId :
BP-F10MS

Tgt Ion:165 Resp: 176328
Ion Ratio Lower Upper
165 100
63 42.7 38.0 57.0
89 46.2 39.5 59.3

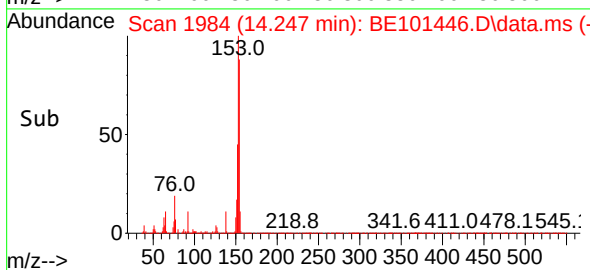
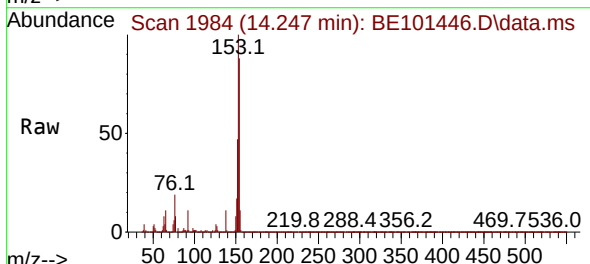
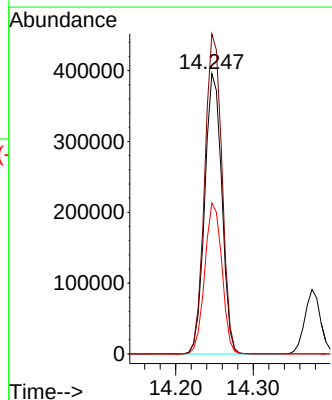
Manual Integrations
APPROVED

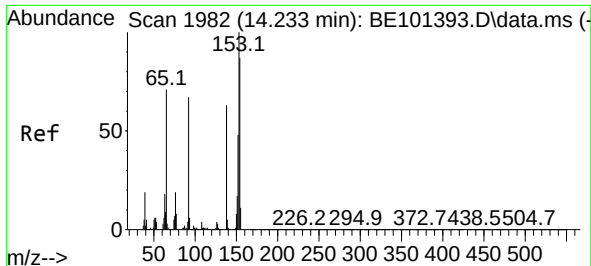
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 54.346 ng
RT: 14.247 min Scan# 1984
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

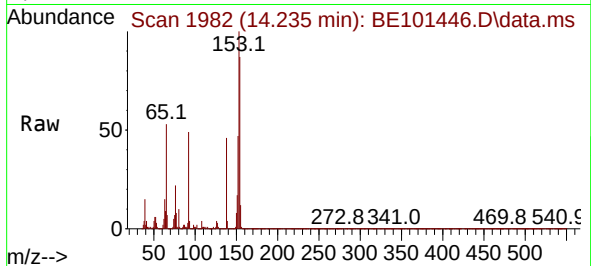
Tgt Ion:154 Resp: 604295
Ion Ratio Lower Upper
154 100
153 114.1 91.8 137.6
152 53.8 43.1 64.7





#53
3-Nitroaniline
Concen: 37.485 ng
RT: 14.235 min Scan# 1982
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

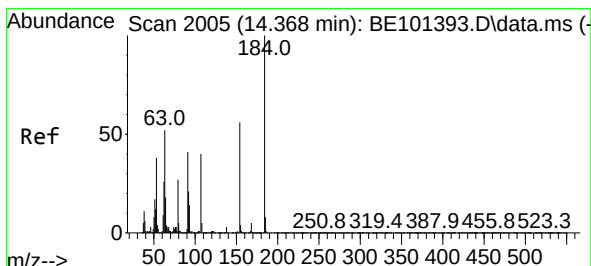
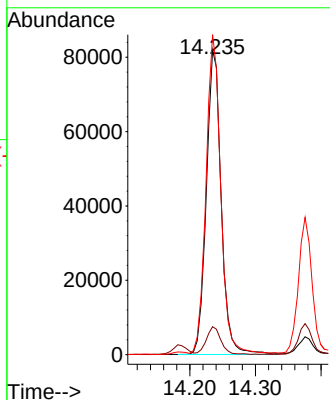
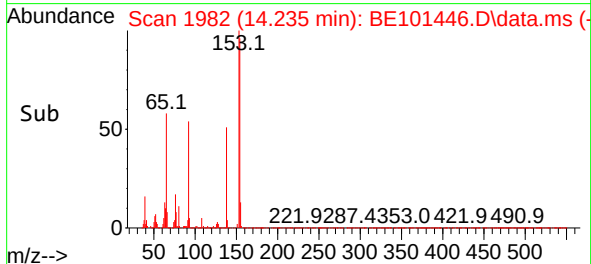
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



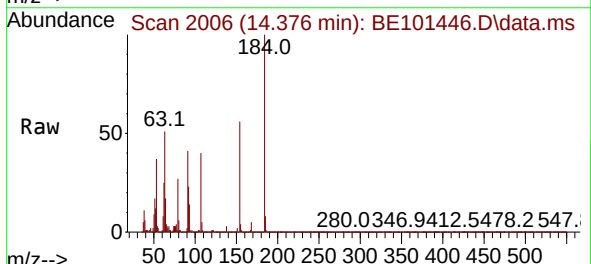
Tgt Ion:138 Resp: 12922
Ion Ratio Lower Upper
138 100
108 9.2 7.1 10.7
92 105.0 84.4 126.6

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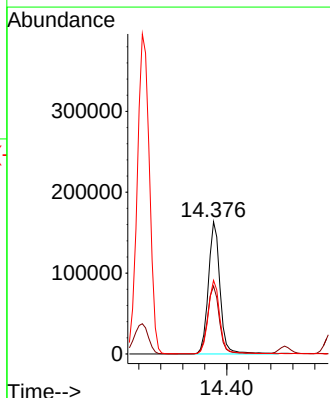
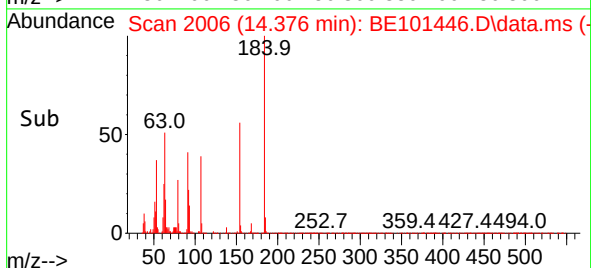
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

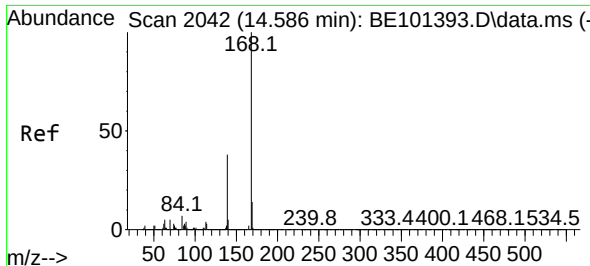


#54
2,4-Dinitrophenol
Concen: 96.342 ng
RT: 14.376 min Scan# 2006
Delta R.T. 0.008 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



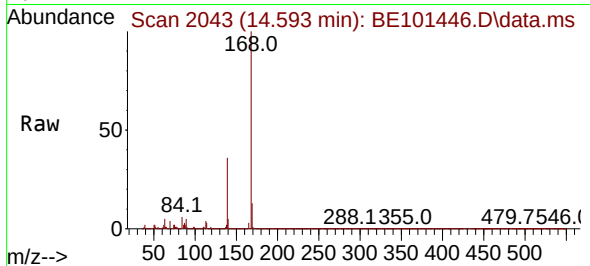
Tgt Ion:184 Resp: 240363
Ion Ratio Lower Upper
184 100
63 51.3 41.8 62.6
154 55.7 44.9 67.3





#55
Dibenzenofuran
Concen: 53.572 ng
RT: 14.593 min Scan# 2043
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

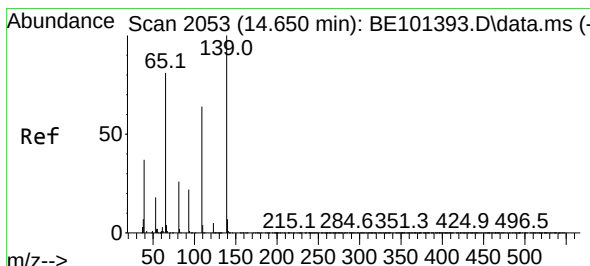
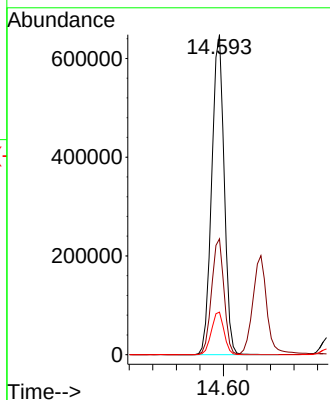
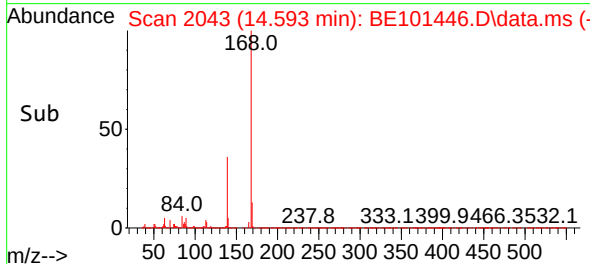
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion:168 Resp: 949435
Ion Ratio Lower Upper
168 100
139 36.2 30.2 45.4
169 13.3 11.0 16.4

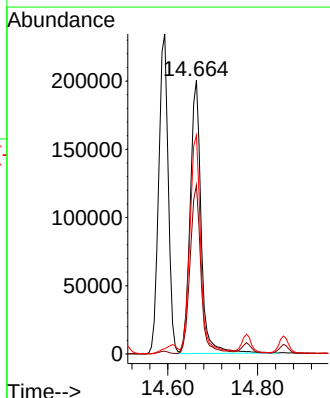
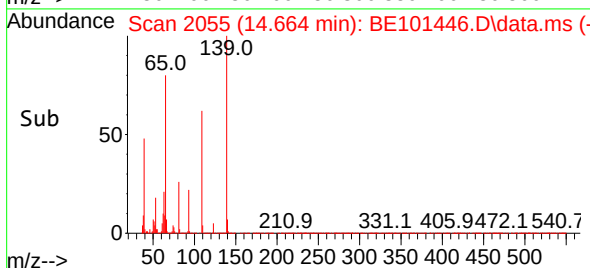
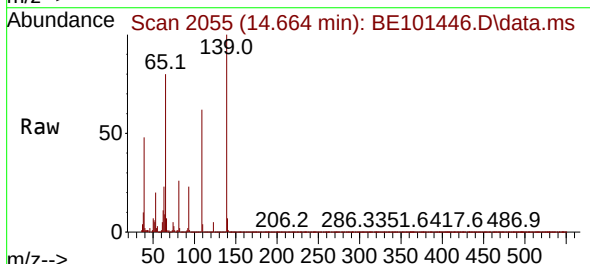
Manual Integrations
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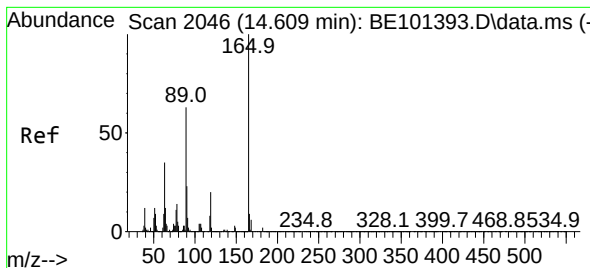
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 107.170 ng
RT: 14.664 min Scan# 2055
Delta R.T. 0.014 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion:139 Resp: 338331
Ion Ratio Lower Upper
139 100
109 61.7 42.4 82.4
65 80.0 63.4 103.4





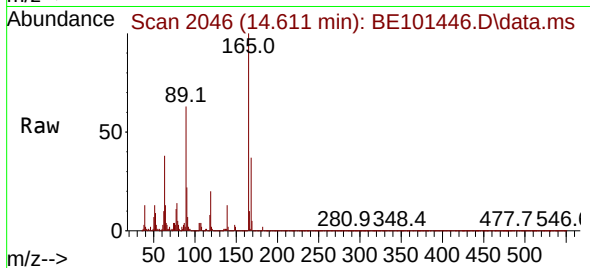
#57
2,4-Dinitrotoluene
Concen: 52.366 ng
RT: 14.611 min Scan# 2046
Delta R.T. 0.001 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

BP-F10MS



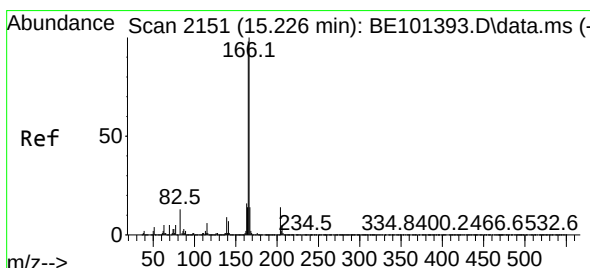
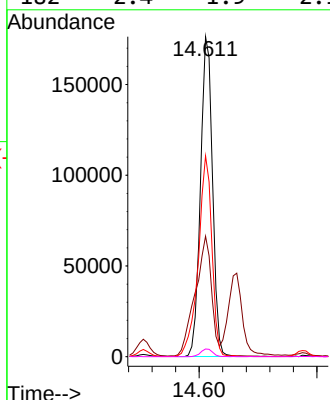
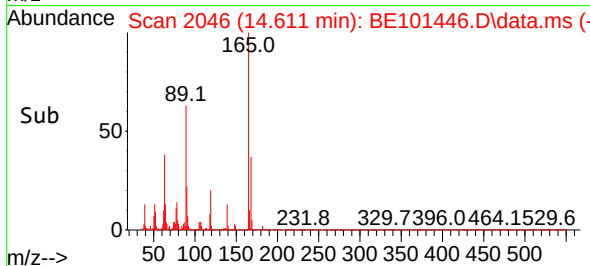
Tgt Ion:165 Resp: 249940
Ion Ratio Lower Upper
165 100
63 37.6 28.6 42.8
89 62.8 50.8 76.2
182 2.4 1.9 2.9

Manual Integrations

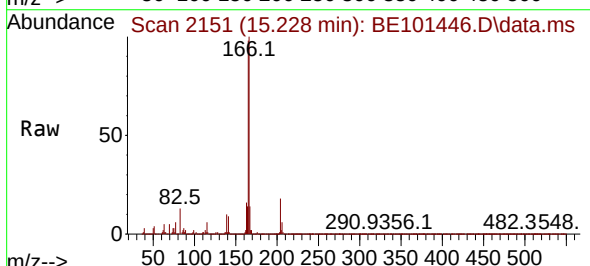
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

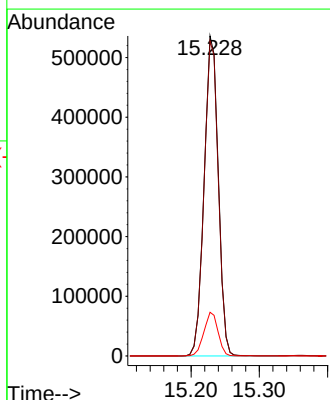
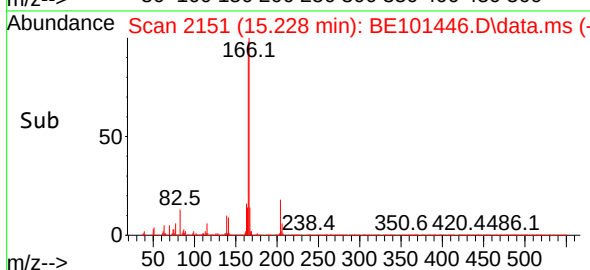
Supervised By :mohammad ahmed 11/04/2024

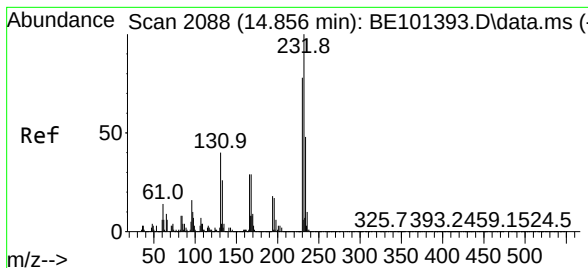


#58
Fluorene
Concen: 52.238 ng
RT: 15.228 min Scan# 2151
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



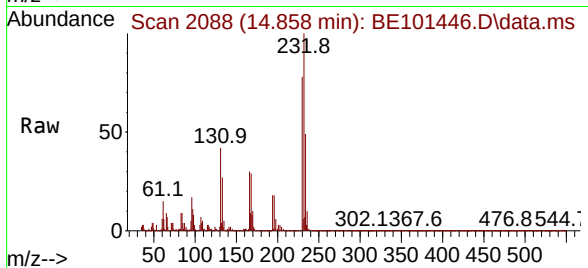
Tgt Ion:166 Resp: 774475
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.217 ng
RT: 14.858 min Scan# 2088
Delta R.T. 0.001 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

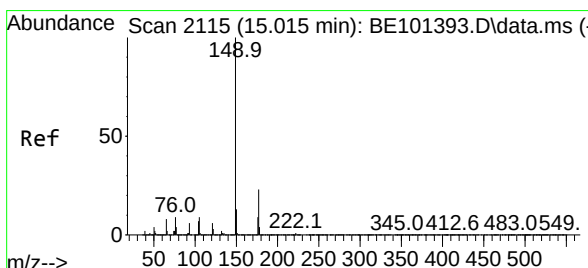
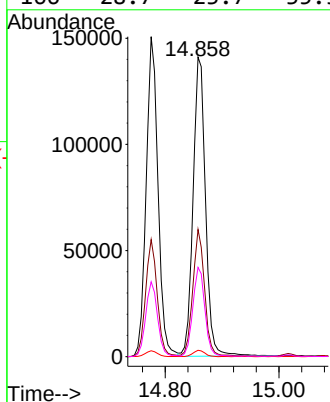
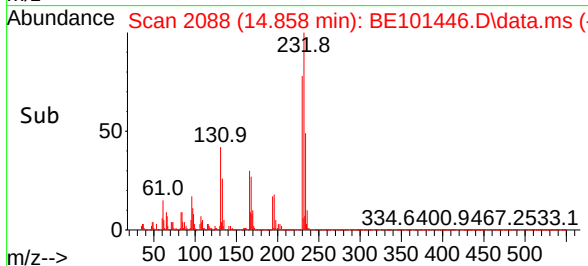
Instrument :
BNA_E
Client Sample Id :
BP-F10MS



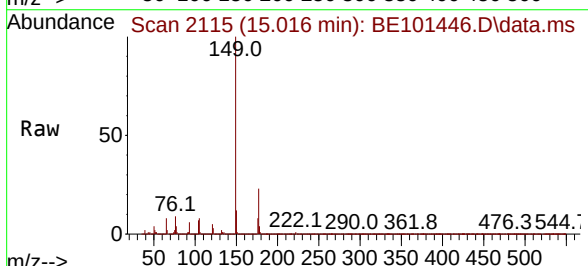
Tgt Ion: 232 Resp: 215089
Ion Ratio Lower Upper
232 100
131 40.5 33.5 50.3
130 2.0 1.6 2.4
166 28.7 23.7 35.5

Manual Integrations
APPROVED

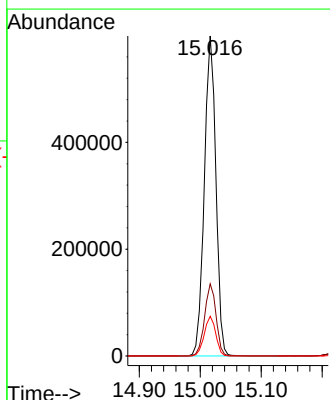
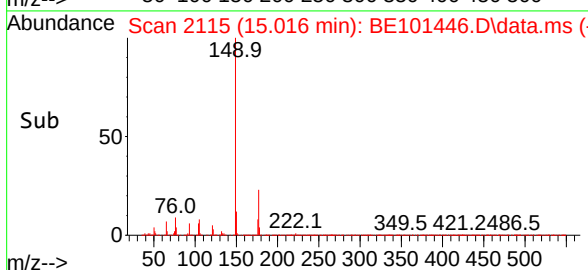
Reviewed By : Yogesh Patel 11/04/2024
Supervised By : mohammad ahmed 11/04/2024

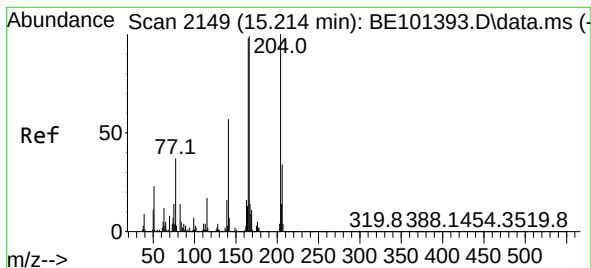


#60
Diethylphthalate
Concen: 50.141 ng
RT: 15.016 min Scan# 2115
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



Tgt Ion: 149 Resp: 787559
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.4 10.3 15.5





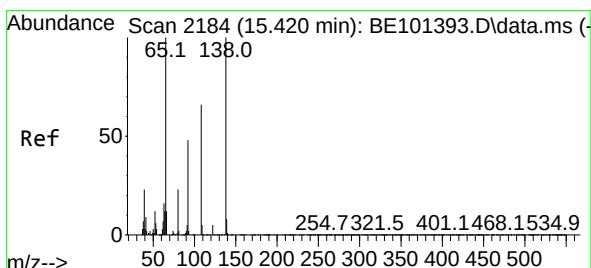
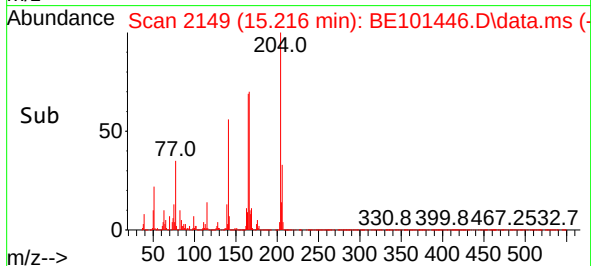
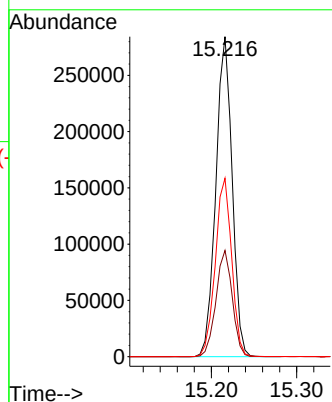
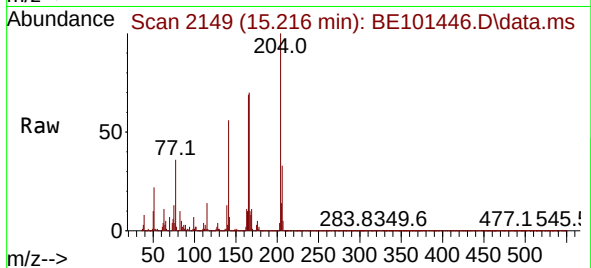
#61
4-Chlorophenyl-phenylether
Concen: 51.458 ng
RT: 15.216 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :
BNA_E
ClientSampleId :
BP-F10MS

Tgt Ion:204 Resp: 378580
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 55.8 45.9 68.9

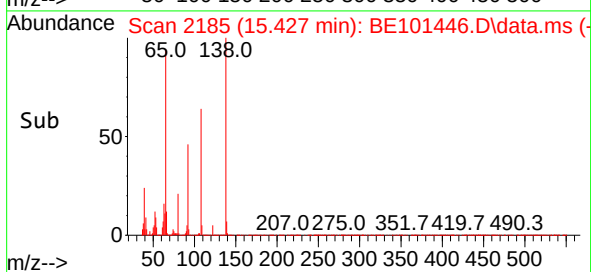
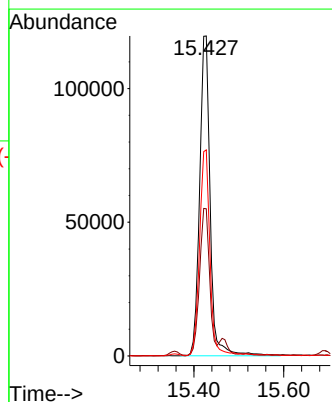
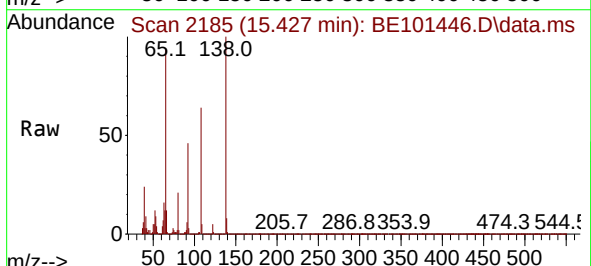
Manual Integrations
APPROVED

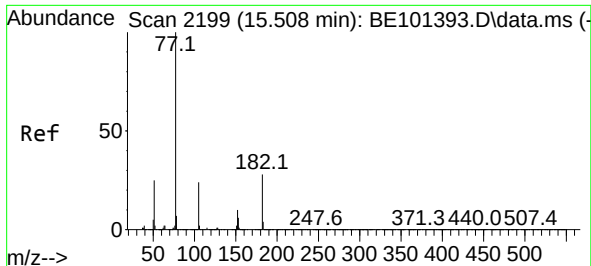
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 50.681 ng
RT: 15.427 min Scan# 2185
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

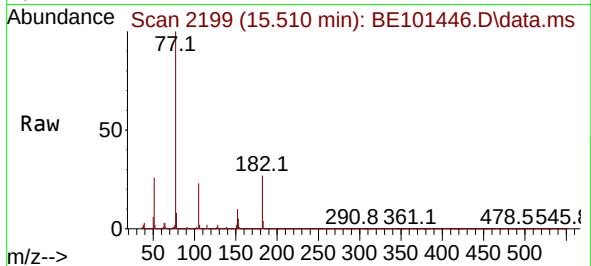
Tgt Ion:138 Resp: 194415
Ion Ratio Lower Upper
138 100
92 46.0 28.7 68.7
108 64.4 46.5 86.5





#63
Azobenzene
Concen: 51.319 ng
RT: 15.510 min Scan# 2199
Delta R.T. 0.001 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

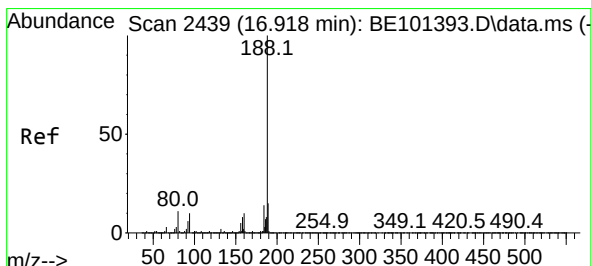
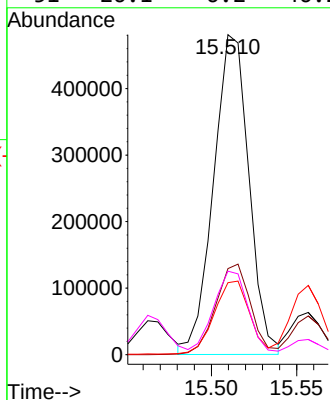
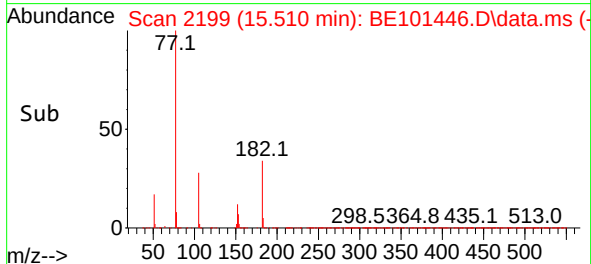
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



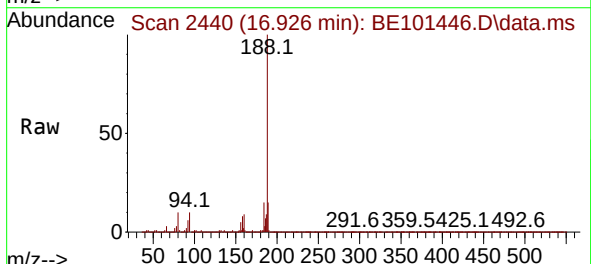
Tgt Ion: 77 Resp: 69285
Ion Ratio Lower Upper
77 100
182 26.9 7.6 47.6
105 22.5 3.2 43.2
51 26.1 6.2 46.2

Manual Integrations
APPROVED

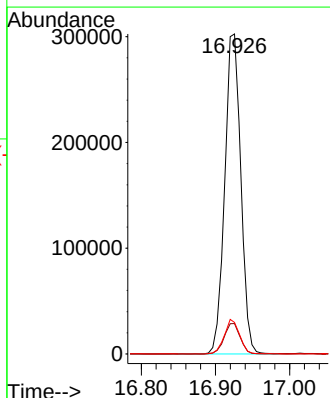
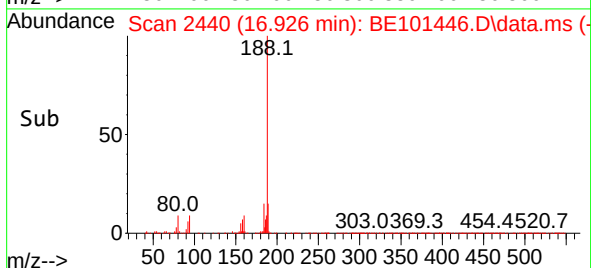
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

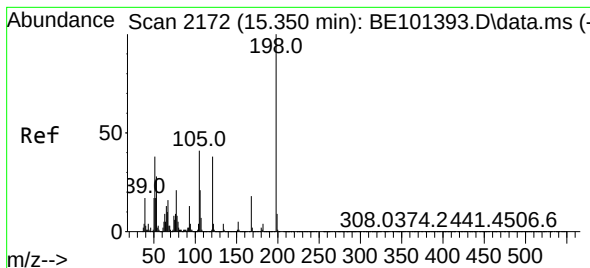


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.926 min Scan# 2440
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58



Tgt Ion:188 Resp: 454763
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.8
80 9.8 8.6 12.8





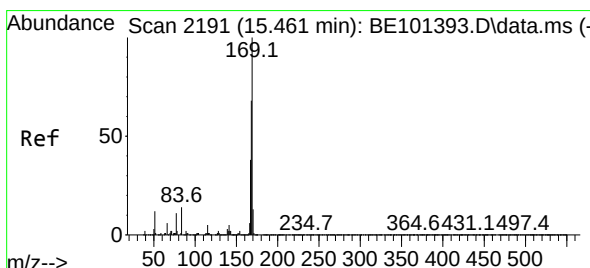
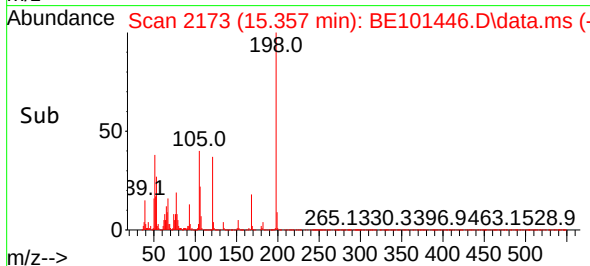
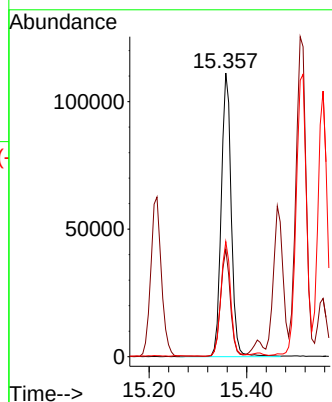
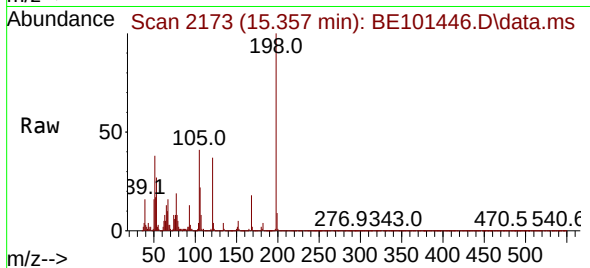
#65
4,6-Dinitro-2-methylphenol
Concen: 59.343 ng
RT: 15.357 min Scan# 2173
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :
BNA_E
ClientSampleId :
BP-F10MS

Tgt Ion:198 Resp: 158580
Ion Ratio Lower Upper
198 100
51 37.9 18.2 58.2
105 40.6 21.5 61.5

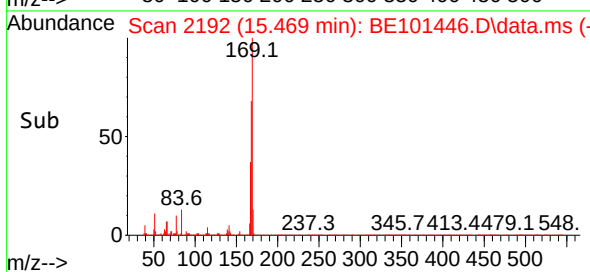
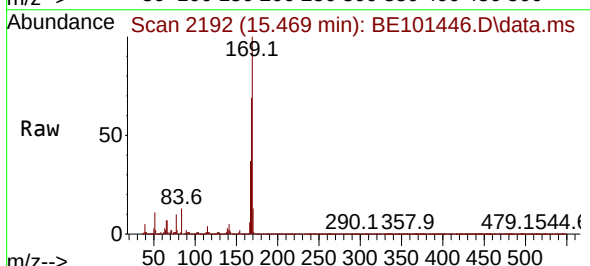
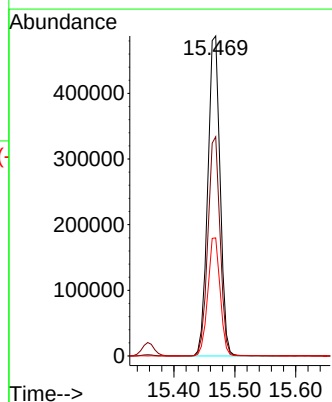
Manual Integrations
APPROVED

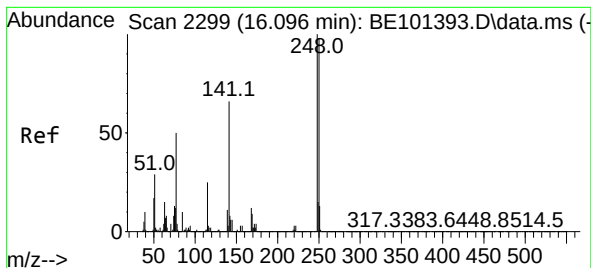
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 56.694 ng
RT: 15.469 min Scan# 2192
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion:169 Resp: 683725
Ion Ratio Lower Upper
169 100
168 68.5 54.5 81.7
167 36.9 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 55.321 ng
RT: 16.103 min Scan# 21
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

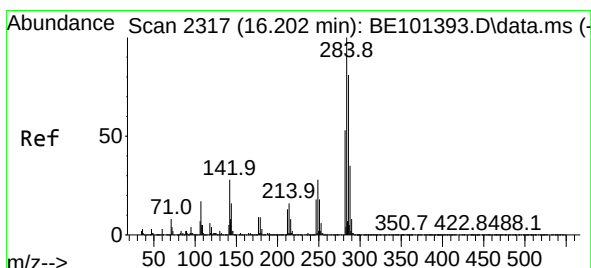
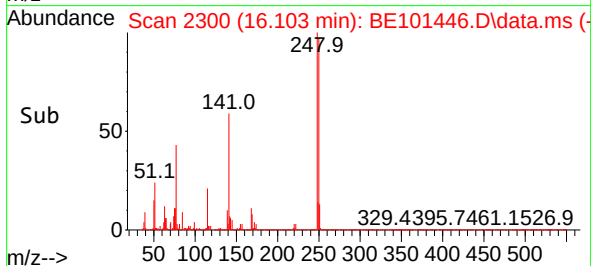
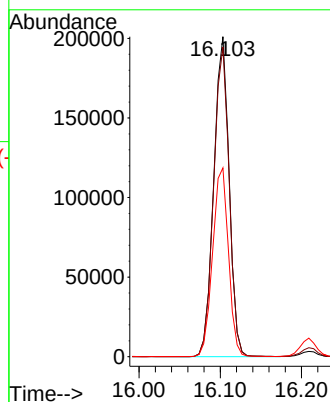
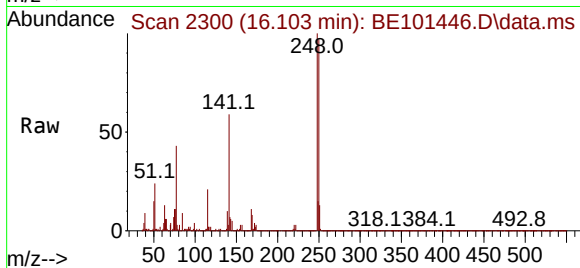
BP-F10MS

Tgt Ion:248 Resp: 26464
Ion Ratio Lower Upper
248 100
250 96.8 78.2 117.2
141 59.0 53.0 79.4

Manual Integrations

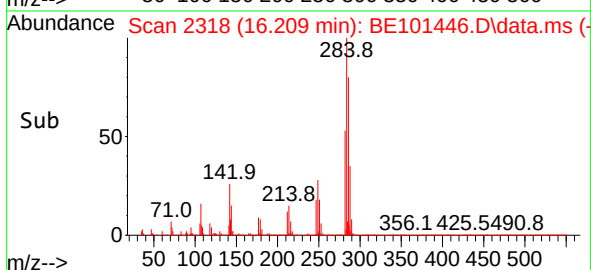
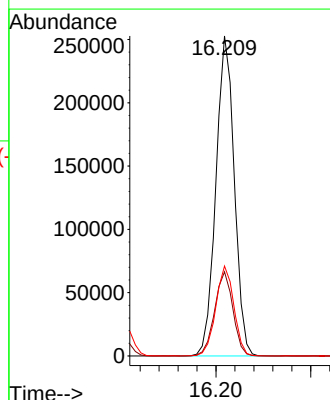
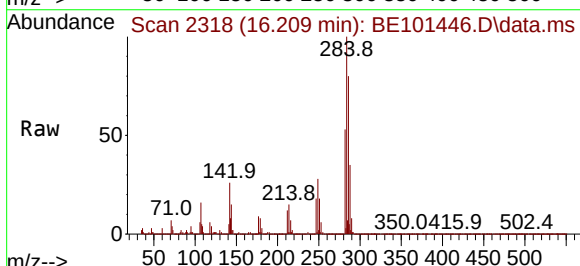
APPROVED

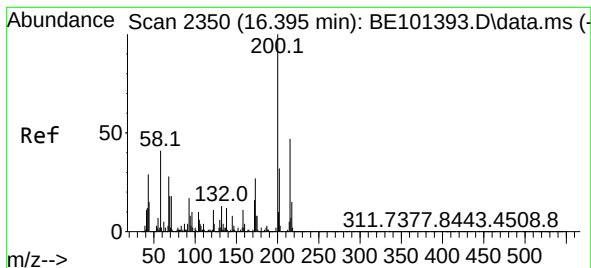
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 54.211 ng
RT: 16.209 min Scan# 2318
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion:284 Resp: 339920
Ion Ratio Lower Upper
284 100
142 26.3 22.2 33.2
249 28.1 22.8 34.2





#69

Atrazine

Concen: 67.152 ng

RT: 16.403 min Scan# 21

Delta R.T. 0.008 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

BP-F10MS

Tgt Ion:200 Resp: 248280

Ion Ratio Lower Upper

200 100

173 26.9 7.0 47.0

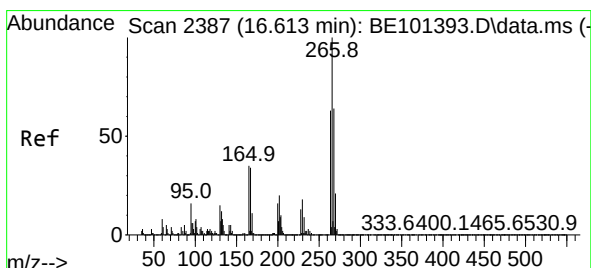
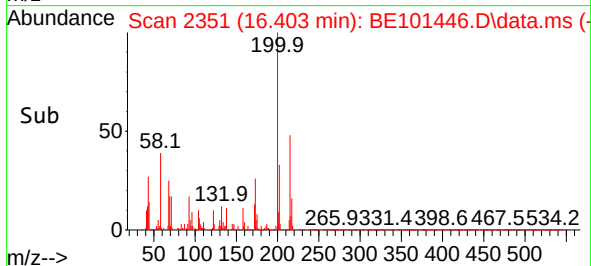
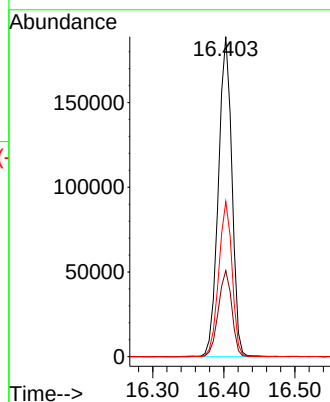
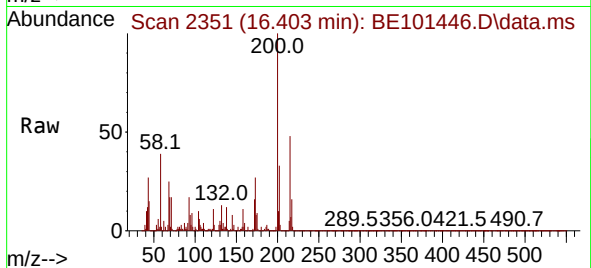
215 48.4 27.3 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 112.802 ng

RT: 16.614 min Scan# 2387

Delta R.T. 0.001 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

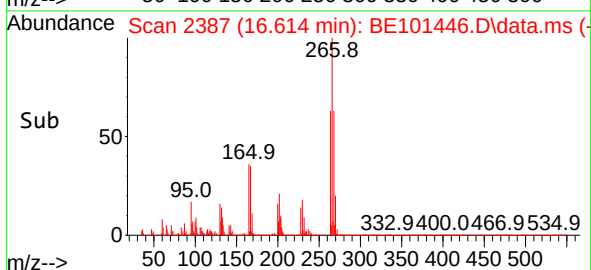
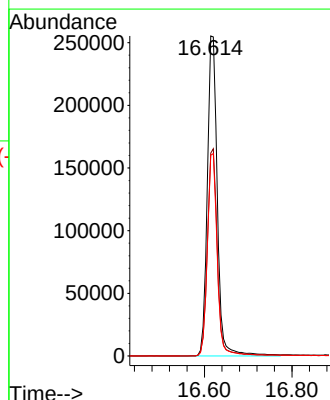
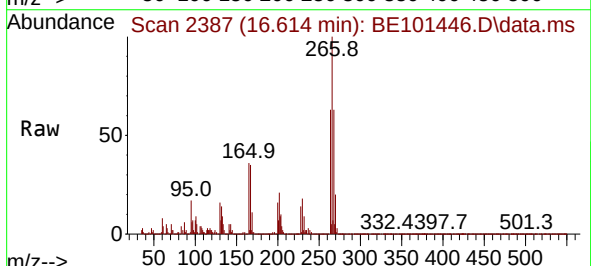
Tgt Ion:266 Resp: 407135

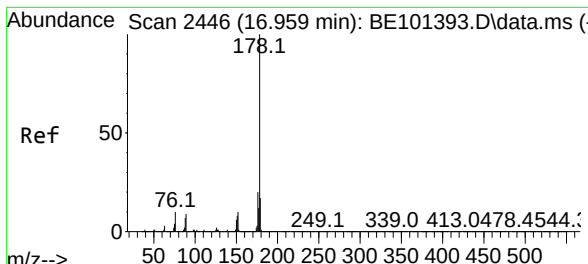
Ion Ratio Lower Upper

266 100

268 63.4 51.5 77.3

264 62.8 50.7 76.1





#71
 Phenanthrene
 Concen: 55.970 ng
 RT: 16.967 min Scan# 2447
 Delta R.T. 0.007 min
 Lab File: BE101446.D
 Acq: 1 Nov 2024 10:58

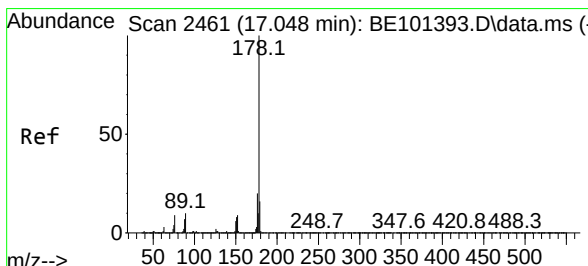
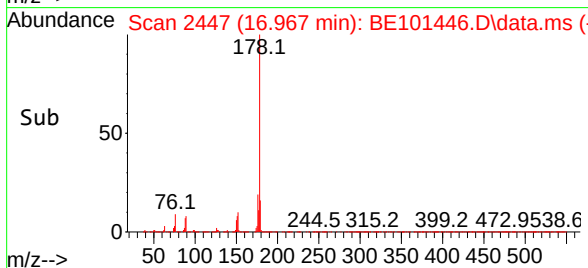
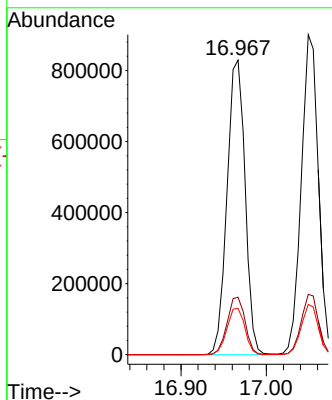
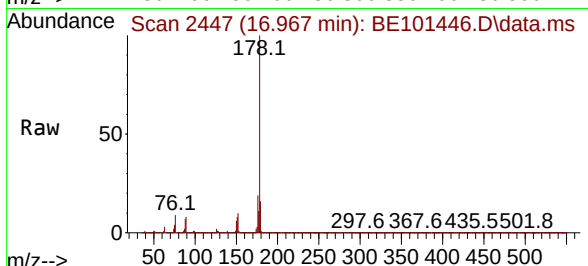
Instrument :
 BNA_E
 ClientSampleId :
 BP-F10MS

Tgt Ion:178 Resp: 121867

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	15.8	13.2	19.8

Manual Integrations
 APPROVED

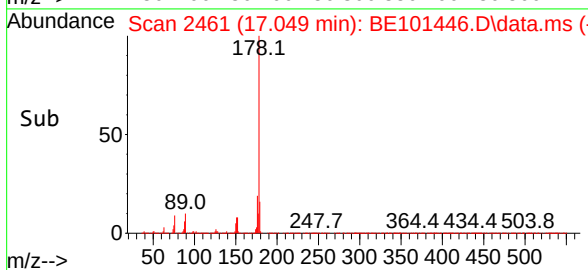
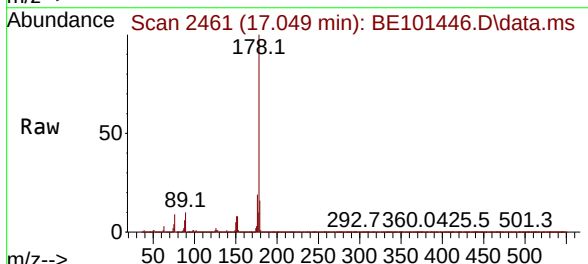
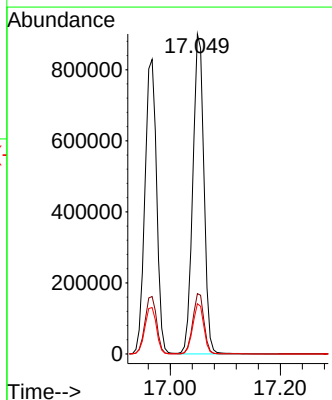
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

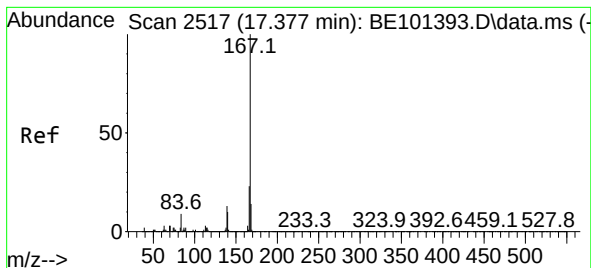


#72
 Anthracene
 Concen: 59.270 ng
 RT: 17.049 min Scan# 2461
 Delta R.T. 0.002 min
 Lab File: BE101446.D
 Acq: 1 Nov 2024 10:58

Tgt Ion:178 Resp: 1260120

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.7	13.1	19.7





#73

Carbazole

Concen: 54.861 ng

RT: 17.384 min Scan# 2517

Delta R.T. 0.007 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

BP-F10MS

Tgt Ion:167 Resp: 119344

Ion Ratio Lower Upper

167 100

166 22.0 18.3 27.5

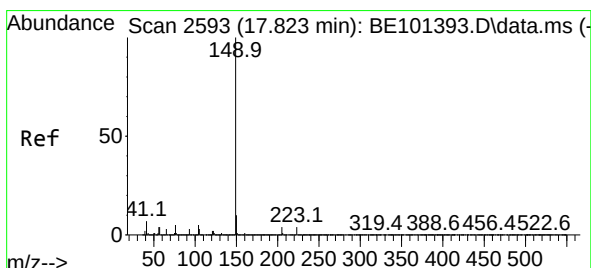
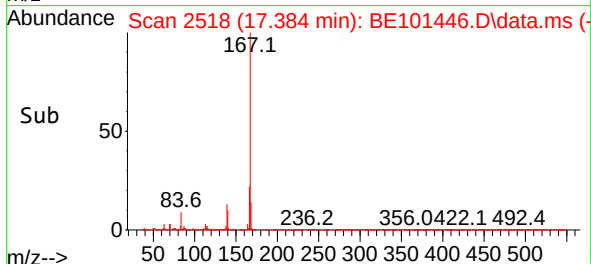
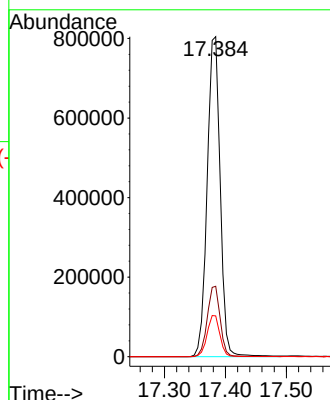
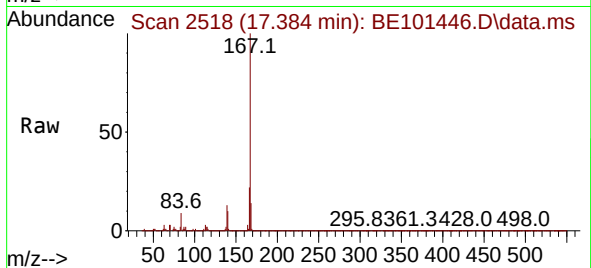
139 12.8 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#74

Di-n-butylphthalate

Concen: 58.106 ng

RT: 17.825 min Scan# 2593

Delta R.T. 0.002 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

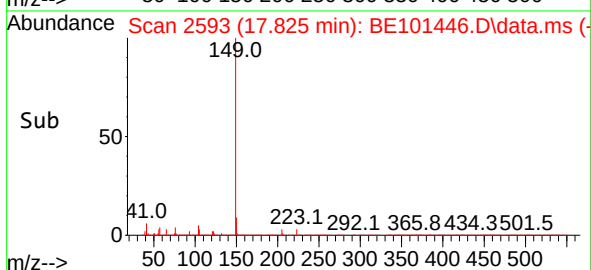
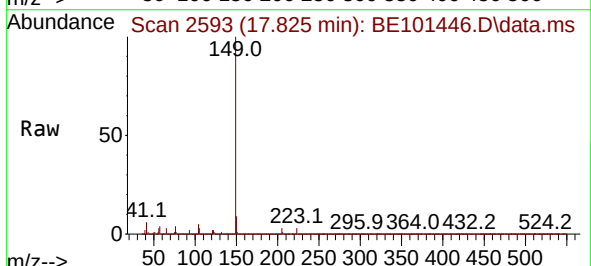
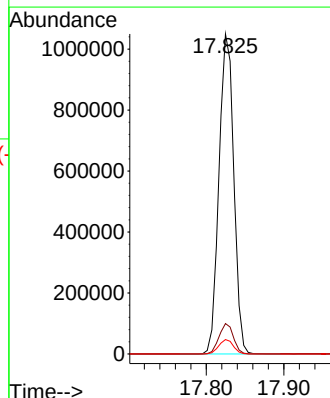
Tgt Ion:149 Resp: 1391567

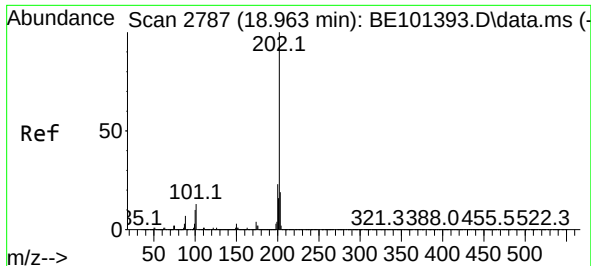
Ion Ratio Lower Upper

149 100

150 9.5 8.2 12.4

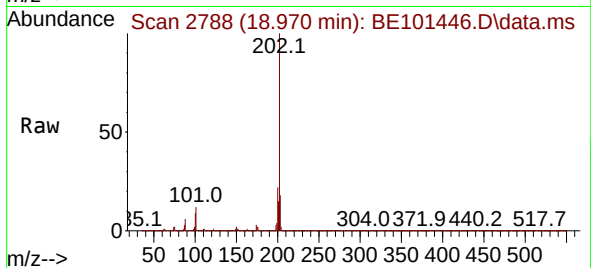
104 4.5 3.9 5.9





#75
Fluoranthene
Concen: 56.645 ng
RT: 18.970 min Scan# 21
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

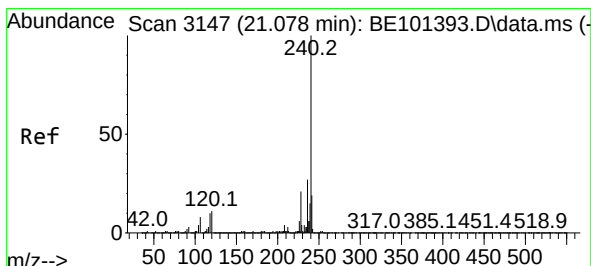
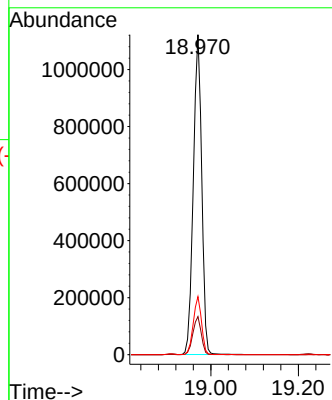
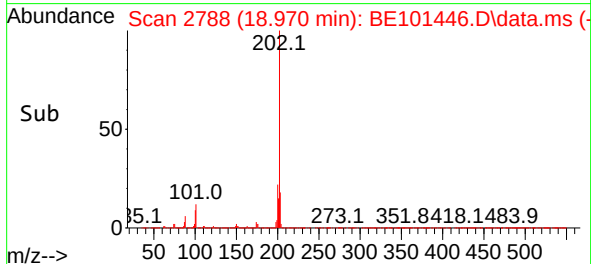
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion:202 Resp: 149800
Ion Ratio Lower Upper
202 100
101 11.9 0.0 33.3
203 18.1 0.0 39.3

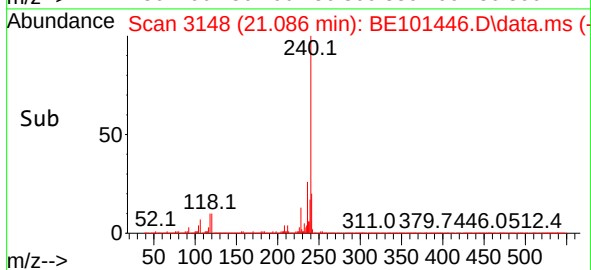
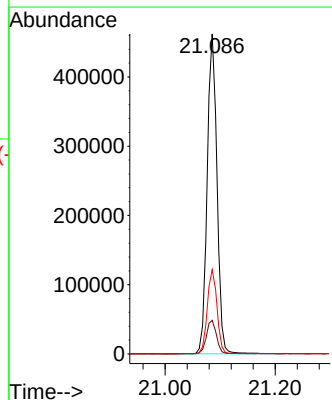
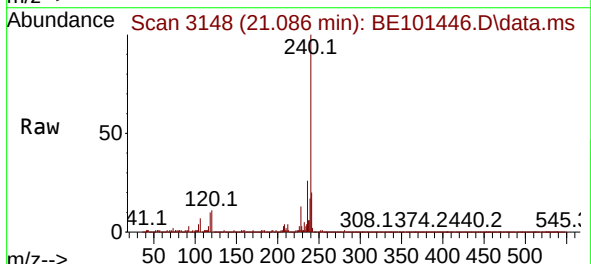
Manual Integrations
APPROVED

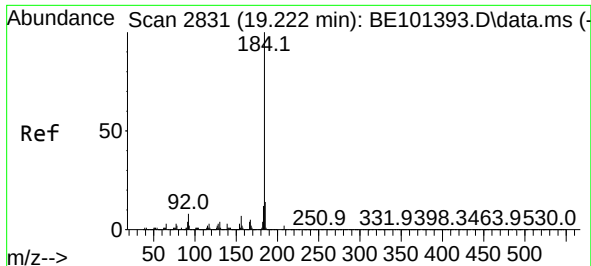
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.086 min Scan# 3148
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion:240 Resp: 568388
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.3 21.4 32.0





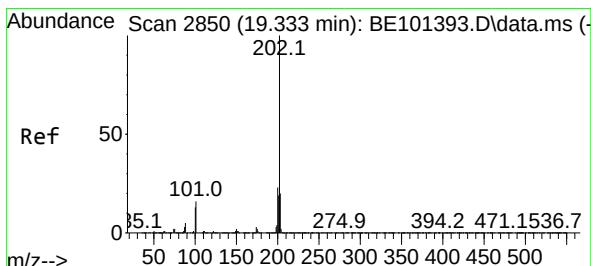
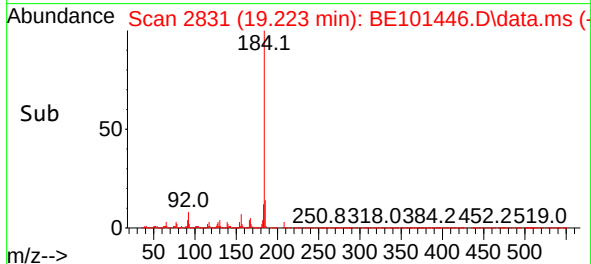
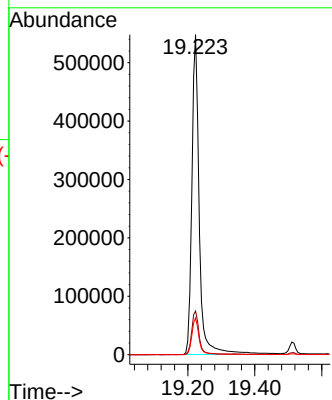
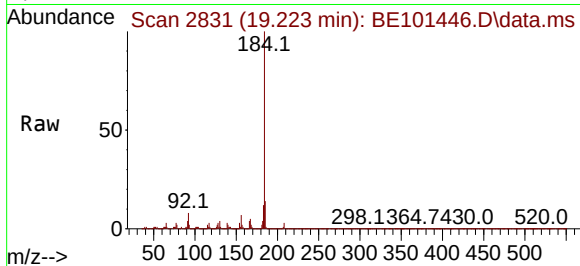
#77
Benzidine
Concen: 117.186 ng
RT: 19.223 min Scan# 2831
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :
BNA_E
ClientSampleId :
BP-F10MS

Tgt Ion:184 Resp: 84535
Ion Ratio Lower Upper
184 100
185 13.6 11.5 17.3
183 11.5 9.3 13.9

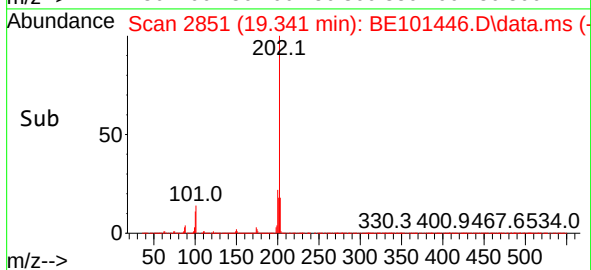
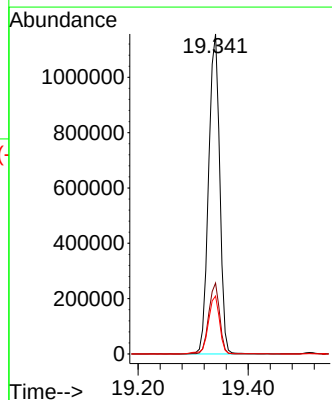
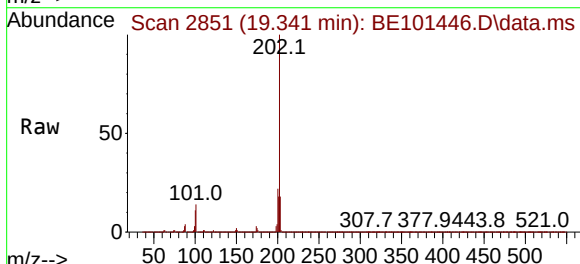
Manual Integrations
APPROVED

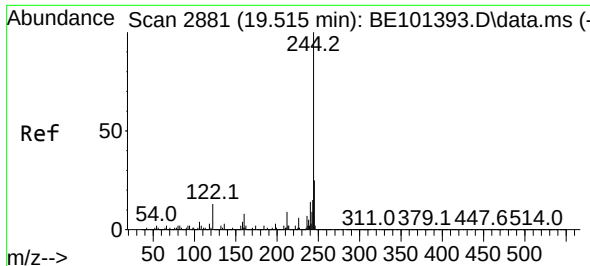
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 51.604 ng
RT: 19.341 min Scan# 2851
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion:202 Resp: 1612984
Ion Ratio Lower Upper
202 100
200 22.1 18.6 28.0
203 18.1 15.6 23.4





#79
 Terphenyl-d14
 Concen: 79.247 ng
 RT: 19.511 min Scan# 2880
 Delta R.T. -0.004 min
 Lab File: BE101446.D
 Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

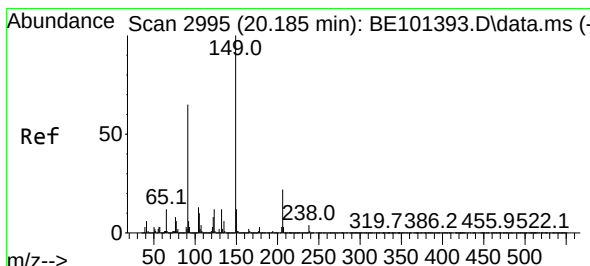
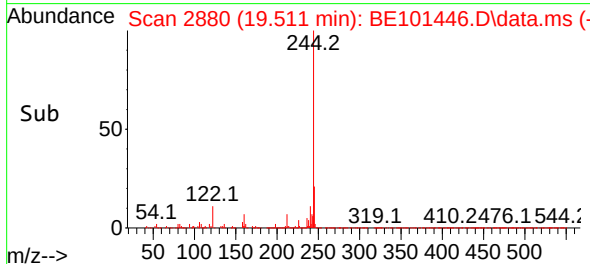
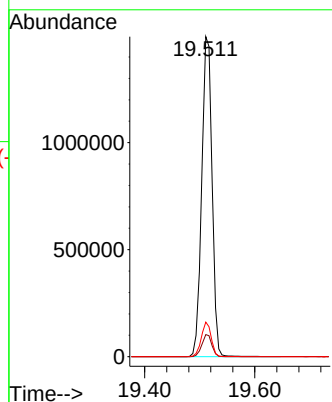
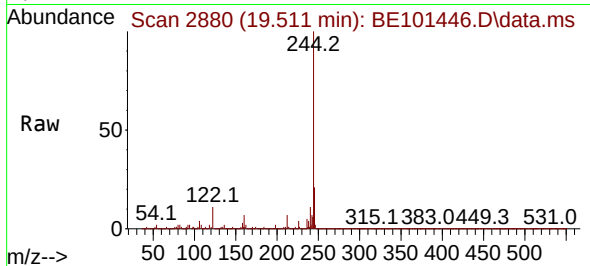
BP-F10MS

Tgt Ion:244 Resp: 1957072
 Ion Ratio Lower Upper
 244 100
 212 6.9 7.2 10.8
 122 10.8 10.4 15.6

Manual Integrations

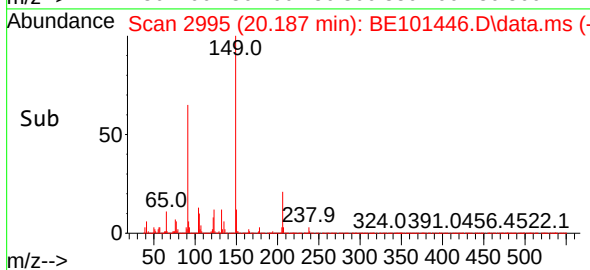
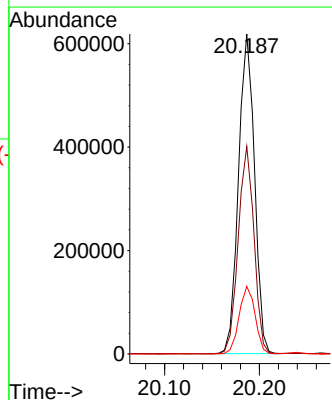
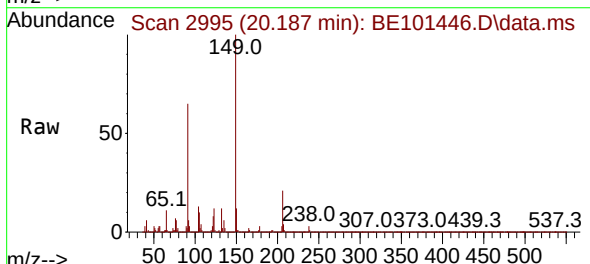
APPROVED

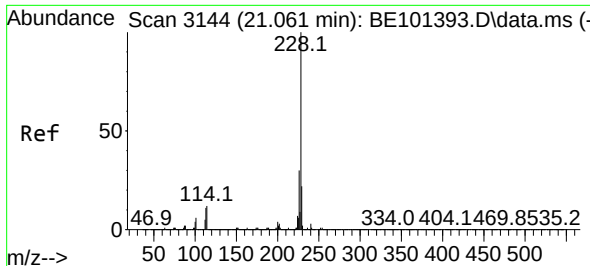
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#80
 Butylbenzylphthalate
 Concen: 52.790 ng
 RT: 20.187 min Scan# 2995
 Delta R.T. 0.001 min
 Lab File: BE101446.D
 Acq: 1 Nov 2024 10:58

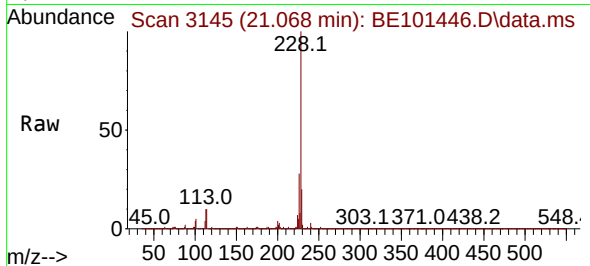
Tgt Ion:149 Resp: 723371
 Ion Ratio Lower Upper
 149 100
 91 64.9 51.8 77.8
 206 21.1 17.4 26.2





#81
Benzo(a)anthracene
Concen: 57.390 ng
RT: 21.068 min Scan# 3144
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

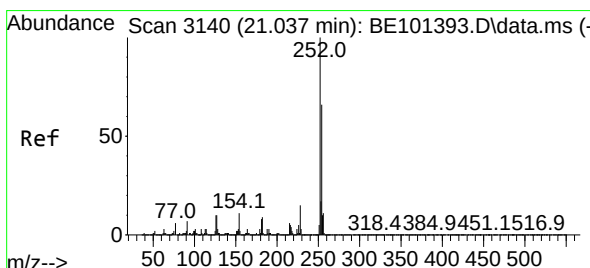
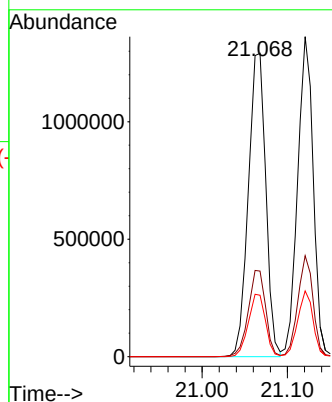
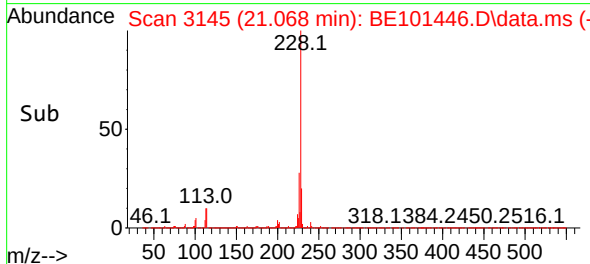
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion:228 Resp: 183342
Ion Ratio Lower Upper
228 100
226 28.2 24.1 36.1
229 20.3 17.3 25.9

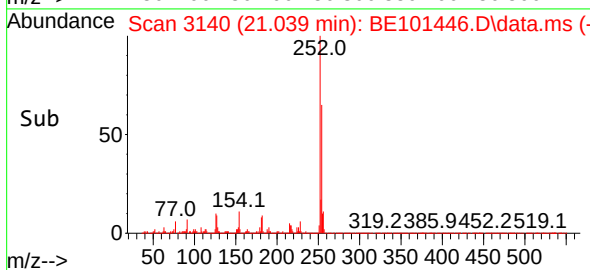
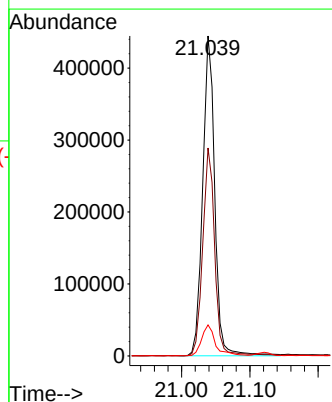
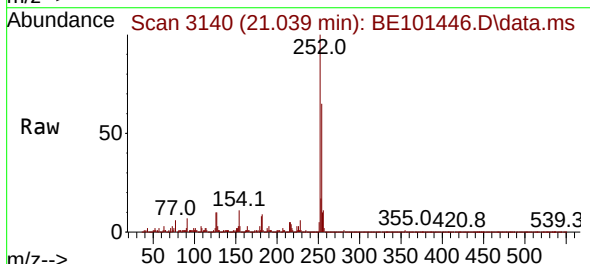
Manual Integrations
APPROVED

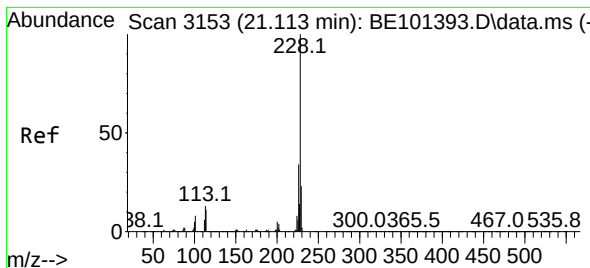
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#82
3,3'-Dichlorobenzidine
Concen: 43.577 ng
RT: 21.039 min Scan# 3140
Delta R.T. 0.002 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion:252 Resp: 545350
Ion Ratio Lower Upper
252 100
254 65.0 52.6 78.8
126 9.7 7.7 11.5





#83

Chrysene

Concen: 56.380 ng

RT: 21.121 min Scan# 3154

Delta R.T. 0.007 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

BP-F10MS

Tgt Ion:228 Resp: 174148

Ion Ratio Lower Upper

228 100

226 31.6 27.2 40.8

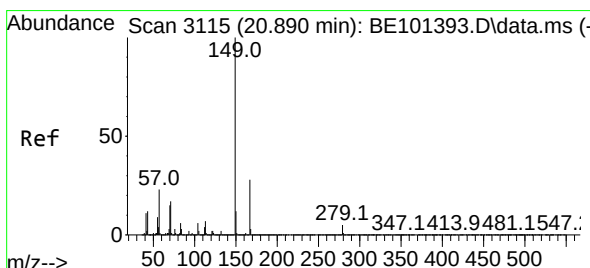
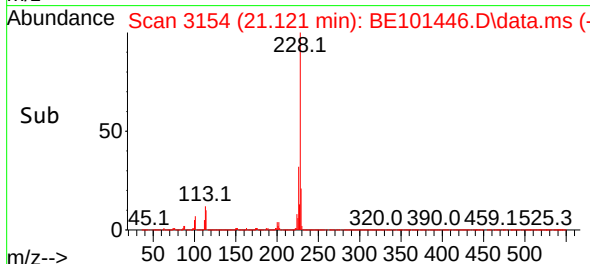
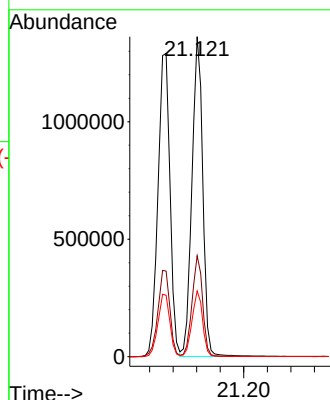
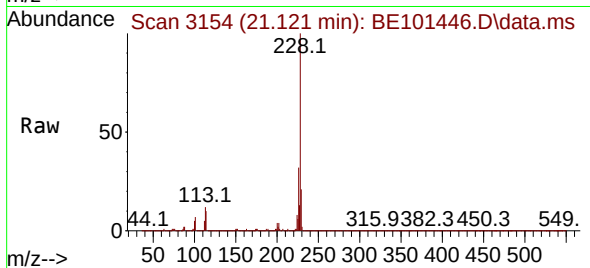
229 20.5 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.646 ng

RT: 20.892 min Scan# 3115

Delta R.T. 0.002 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

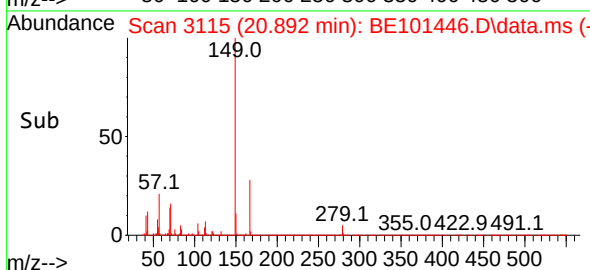
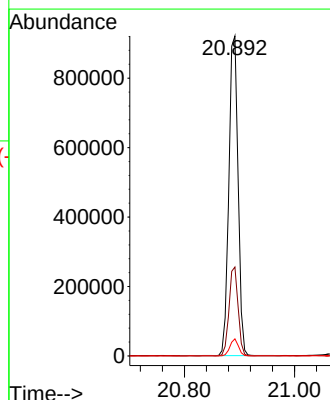
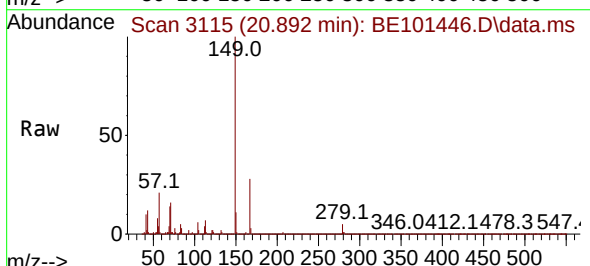
Tgt Ion:149 Resp: 1067563

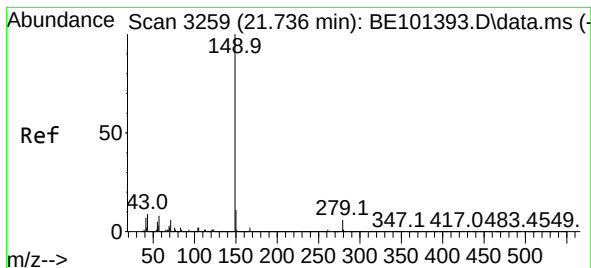
Ion Ratio Lower Upper

149 100

167 27.8 22.7 34.1

279 5.4 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 64.722 ng

RT: 21.738 min Scan# 31

Delta R.T. 0.002 min

Lab File: BE101446.D

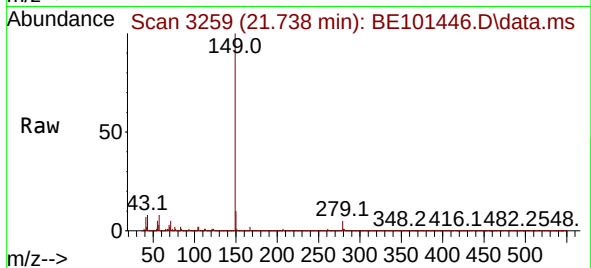
Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

BP-F10MS



Tgt Ion:149 Resp: 193368

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

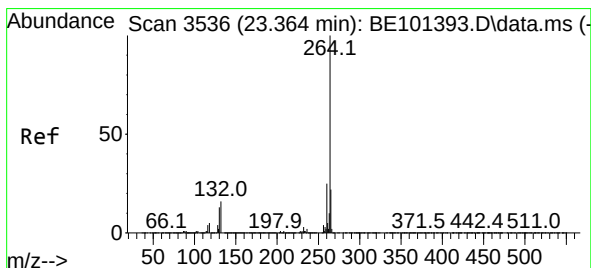
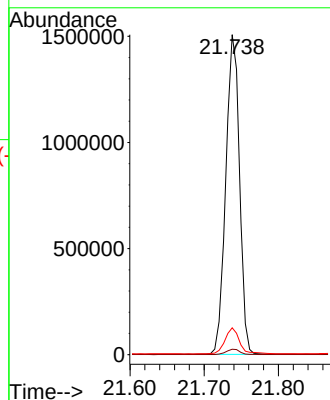
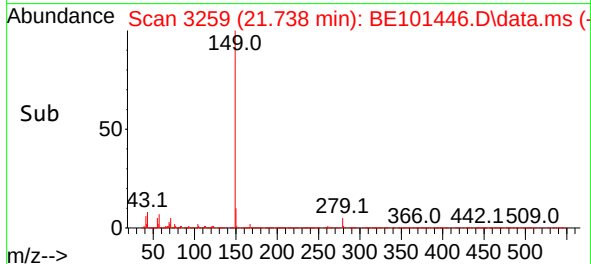
43 8.5 7.0 10.4

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: 23.377 min Scan# 3538

Delta R.T. 0.013 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

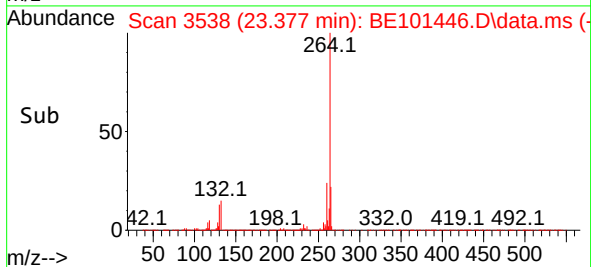
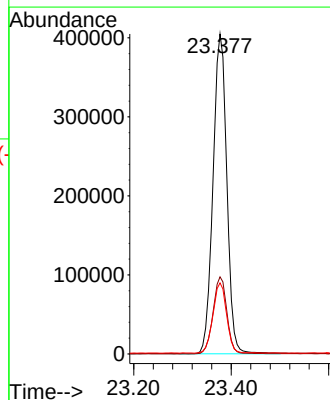
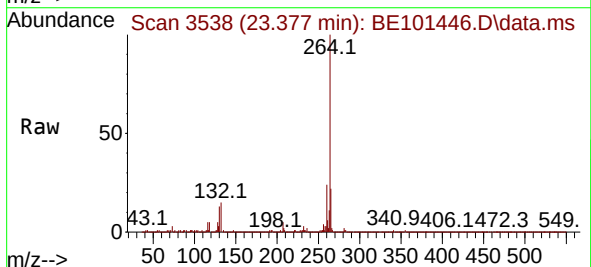
Tgt Ion:264 Resp: 795058

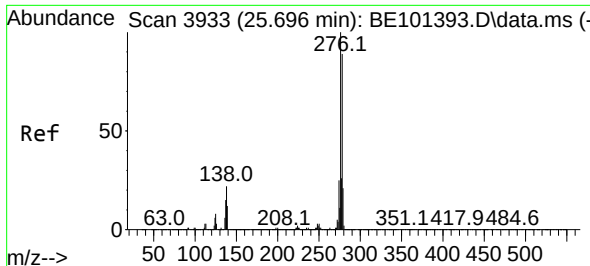
Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 22.2 17.6 26.4





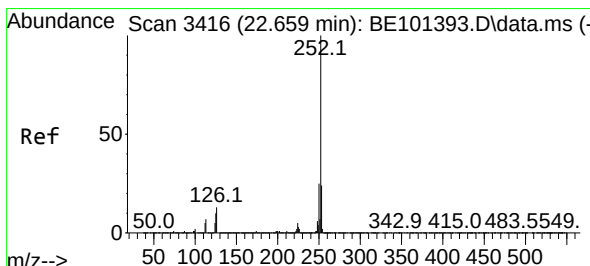
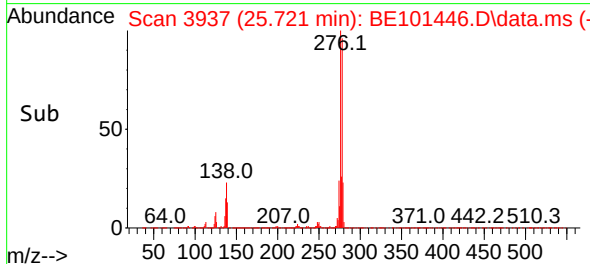
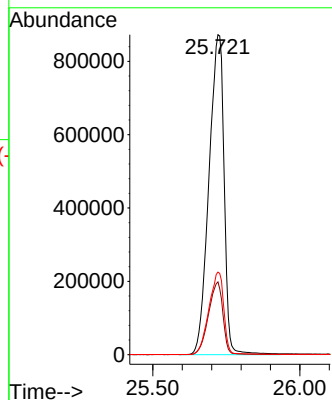
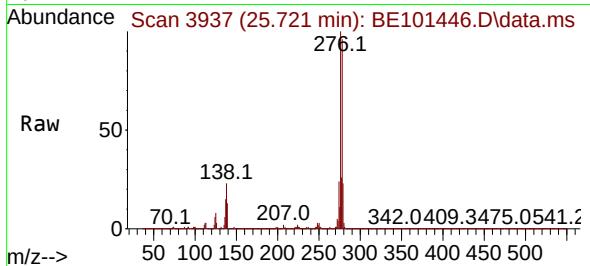
#87
Indeno(1,2,3-cd)pyrene
Concen: 58.480 ng
RT: 25.721 min Scan# 3933
Delta R.T. 0.025 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Instrument :
BNA_E
ClientSampleId :
BP-F10MS

Tgt Ion:276 Resp: 3111634
Ion Ratio Lower Upper
276 100
138 21.7 17.8 26.8
277 25.4 20.5 30.7

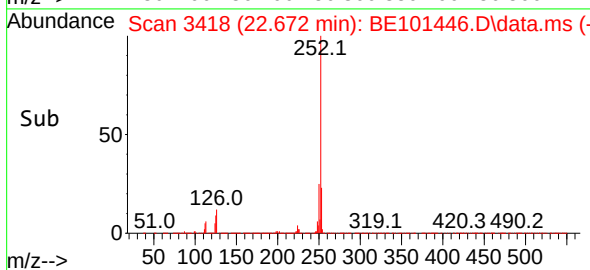
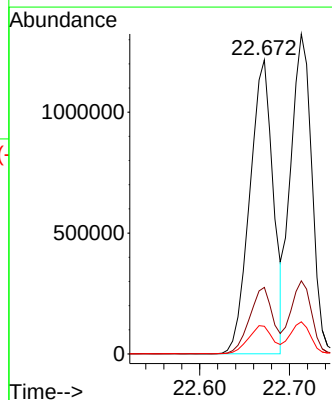
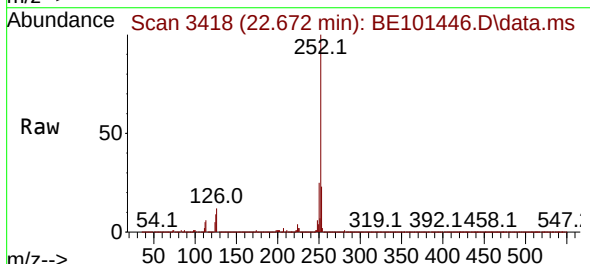
Manual Integrations
APPROVED

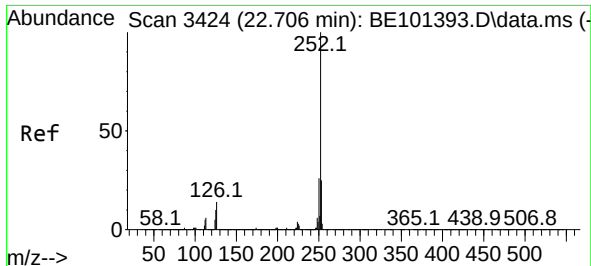
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#88
Benzo(b)fluoranthene
Concen: 53.192 ng
RT: 22.672 min Scan# 3418
Delta R.T. 0.013 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

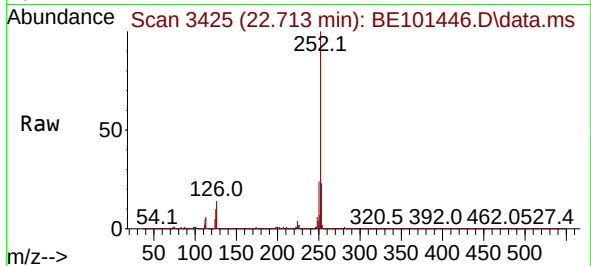
Tgt Ion:252 Resp: 2203935
Ion Ratio Lower Upper
252 100
253 22.6 19.0 28.6
125 9.4 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 56.542 ng
RT: 22.713 min Scan# 3424
Delta R.T. 0.007 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

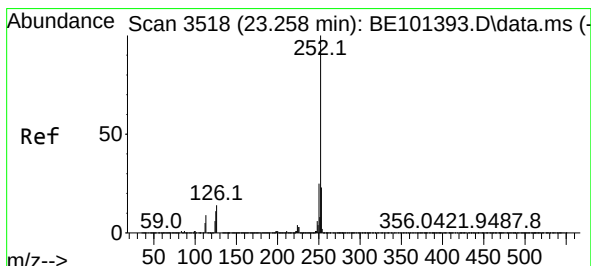
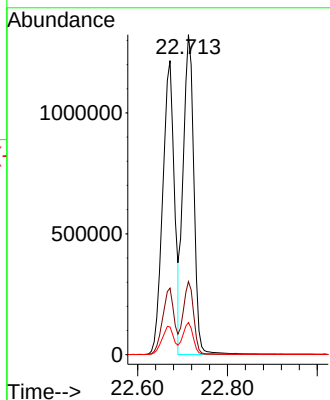
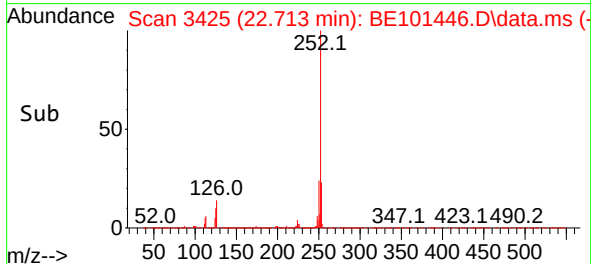
Instrument :
BNA_E
ClientSampleId :
BP-F10MS



Tgt Ion:252 Resp: 2188710
Ion Ratio Lower Upper
252 100
253 22.9 19.4 29.2
125 10.1 8.2 12.2

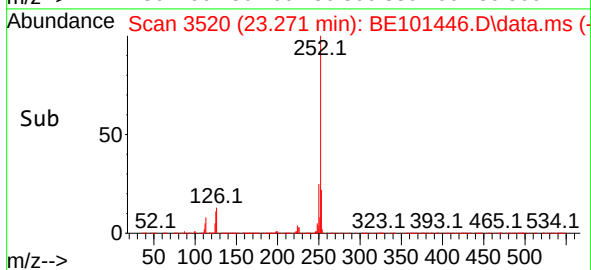
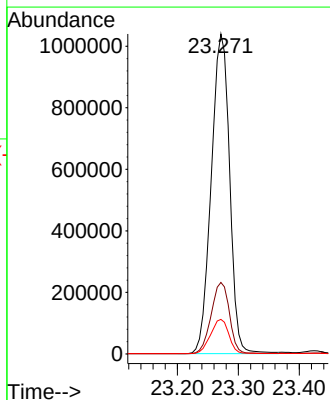
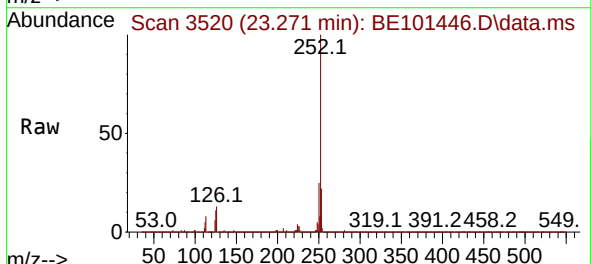
Manual Integrations
APPROVED

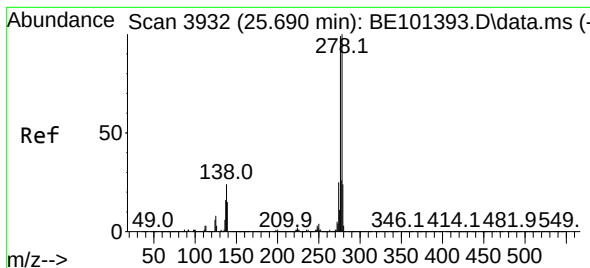
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 60.050 ng
RT: 23.271 min Scan# 3520
Delta R.T. 0.013 min
Lab File: BE101446.D
Acq: 1 Nov 2024 10:58

Tgt Ion:252 Resp: 2175973
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 10.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 58.115 ng

RT: 25.715 min Scan# 3932

Delta R.T. 0.025 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

Instrument :

BNA_E

ClientSampleId :

BP-F10MS

Tgt Ion:278 Resp: 2555098

Ion Ratio Lower Upper

278 100

139 14.3 11.9 17.9

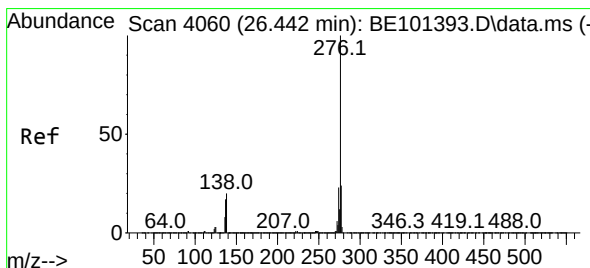
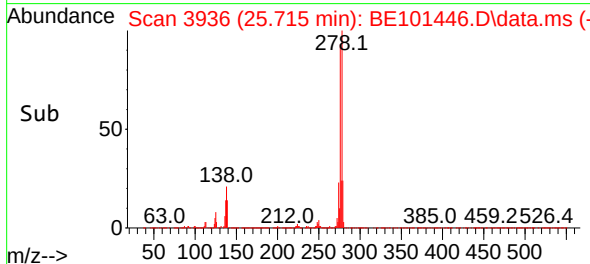
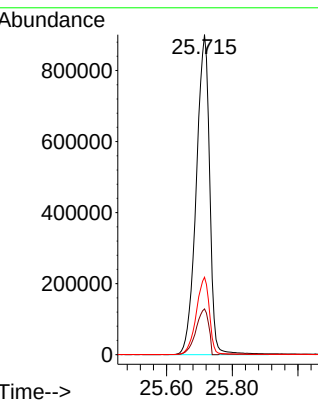
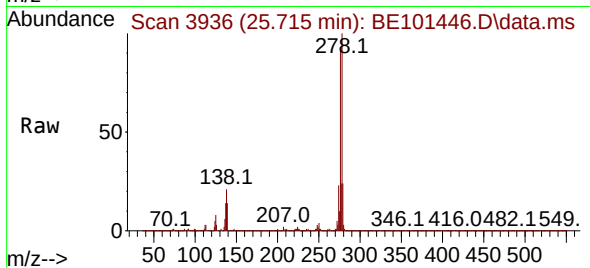
279 24.2 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 52.565 ng

RT: 26.473 min Scan# 4065

Delta R.T. 0.031 min

Lab File: BE101446.D

Acq: 1 Nov 2024 10:58

Tgt Ion:276 Resp: 2381257

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 18.6 15.8 23.6

