

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
 Data File : BE101377.D
 Acq On : 19 Sep 2024 14:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 15:34:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 17 16:03:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	162056	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	805032	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	586076	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	1346037	20.000	ng	0.00
76) Chrysene-d12	21.089	240	1500690	20.000	ng	0.00
86) Perylene-d12	23.380	264	1918181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	748984	80.809	ng	0.00
7) Phenol-d6	6.952	99	1051061	79.994	ng	0.00
23) Nitrobenzene-d5	8.786	82	1065555	83.915	ng	0.00
42) 2,4,6-Tribromophenol	15.695	330	829066	84.104	ng	0.00
45) 2-Fluorobiphenyl	12.810	172	2722645	80.278	ng	0.00
79) Terphenyl-d14	19.520	244	4626408	68.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	143705	40.718	ng	99
3) Pyridine	3.645	79	423011m	41.610	ng	
4) n-Nitrosodimethylamine	3.562	42	159574	43.689	ng	99
6) Aniline	7.011	93	483989	43.905	ng	98
8) 2-Chlorophenol	7.217	128	447328	40.164	ng	99
9) Benzaldehyde	6.782	77	272937	45.198	ng	97
10) Phenol	6.976	94	596438	41.298	ng	99
11) bis(2-Chloroethyl)ether	7.041	93	454631	37.195	ng	98
12) 1,3-Dichlorobenzene	7.458	146	470575	39.313	ng	99
13) 1,4-Dichlorobenzene	7.611	146	483266	39.626	ng	100
14) 1,2-Dichlorobenzene	7.934	146	478731	39.614	ng	97
15) Benzyl Alcohol	7.910	79	350160	44.756	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.081	45	609527	39.567	ng	99
17) 2-Methylphenol	8.157	107	390344	40.791	ng	99
18) Hexachloroethane	8.633	117	162108	40.644	ng	99
19) n-Nitroso-di-n-propyla...	8.374	70	384152	41.425	ng	98
20) 3+4-Methylphenols	8.492	107	546773	40.607	ng	98
22) Acetophenone	8.427	105	759064	40.662	ng	99
24) Nitrobenzene	8.827	77	563677	41.579	ng	99
25) Isophorone	9.279	82	1059657	40.764	ng	100
26) 2-Nitrophenol	9.514	139	275549	43.067	ng	99
27) 2,4-Dimethylphenol	9.632	122	337358	41.072	ng	99
28) bis(2-Chloroethoxy)met...	9.779	93	629280	40.021	ng	99
29) 2,4-Dichlorophenol	10.061	162	461389	41.020	ng	98
30) 1,2,4-Trichlorobenzene	10.190	180	485312	39.922	ng	100
31) Naphthalene	10.390	128	1628036	40.080	ng	100
32) Benzoic acid	9.896	122	323969	38.683	ng	96
33) 4-Chloroaniline	10.619	127	637201	41.003	ng	99
34) Hexachlorobutadiene	10.642	225	286393	40.550	ng	99
35) Caprolactam	11.400	113	195606m	43.047	ng	
36) 4-Chloro-3-methylphenol	11.794	107	544579	40.974	ng	99
37) 2-Methylnaphthalene	11.982	142	1180665	39.744	ng	99
38) 1-Methylnaphthalene	12.211	142	1174436	39.406	ng	100
40) 1,2,4,5-Tetrachloroben...	12.340	216	567295	40.182	ng	100
41) Hexachlorocyclopentadiene	12.323	237	200069	43.129	ng	100
43) 2,4,6-Trichlorophenol	12.658	196	412841	41.290	ng	99

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44) 2,4,5-Trichlorophenol	12.757	196	461396	40.899	ng	100
46) 1,1'-Biphenyl	13.016	154	1579661	39.775	ng	99
47) 2-Chloronaphthalene	13.057	162	1256345	40.214	ng	100
48) 2-Nitroaniline	13.392	65	380408	45.257	ng	98
49) Acenaphthylene	13.915	152	1902424	40.810	ng	100
50) Dimethylphthalate	13.692	163	1682505	39.785	ng	100
51) 2,6-Dinitrotoluene	13.827	165	395699	41.810	ng	99
52) Acenaphthene	14.250	154	1222900	39.796	ng	98
53) 3-Nitroaniline	14.238	138	430587	44.228	ng	99
54) 2,4-Dinitrophenol	14.373	184	243143	43.157	ng	99
55) Dibenzofuran	14.591	168	1941733	40.004	ng	99
56) 4-Nitrophenol	14.655	139	364217	45.000	ng	99
57) 2,4-Dinitrotoluene	14.608	165	562928	43.692	ng	94
58) Fluorene	15.231	166	1662243	40.644	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.855	232	437051	40.966	ng	99
60) Diethylphthalate	15.019	149	1784754	40.677	ng	100
61) 4-Chlorophenyl-phenyle...	15.213	204	808032	40.279	ng	99
62) 4-Nitroaniline	15.425	138	466673	45.996	ng	99
63) Azobenzene	15.513	77	1551377	41.377	ng	99
65) 4,6-Dinitro-2-methylph...	15.354	198	330929	43.297	ng	99
66) n-Nitrosodiphenylamine	15.466	169	1452468	40.483	ng	100
67) 4-Bromophenyl-phenylether	16.101	248	555434	39.721	ng	99
68) Hexachlorobenzene	16.206	284	720138	39.848	ng	99
69) Atrazine	16.400	200	411047	34.694	ng	99
70) Pentachlorophenol	16.618	266	471451	43.662	ng	100
71) Phenanthrene	16.964	178	2606228	40.768	ng	99
72) Anthracene	17.052	178	2550717	41.001	ng	99
73) Carbazole	17.381	167	2670568	41.890	ng	100
74) Di-n-butylphthalate	17.828	149	3019725	43.139	ng	99
75) Fluoranthene	18.968	202	3185373	41.390	ng	100
77) Benzidine	19.232	184	1807870	72.587	ng	99
78) Pyrene	19.338	202	3360403	40.262	ng	99
80) Butylbenzylphthalate	20.190	149	1576731	42.676	ng	100
81) Benzo(a)anthracene	21.065	228	3432629	40.730	ng	100
82) 3,3'-Dichlorobenzidine	21.042	252	1476382	44.709	ng	100
83) Chrysene	21.124	228	3246215	40.098	ng	100
84) Bis(2-ethylhexyl)phtha...	20.895	149	2133939	43.674	ng	100
85) Di-n-octyl phthalate	21.741	149	3418921	42.866	ng	100
87) Indeno(1,2,3-cd)pyrene	25.713	276	5177725	40.971	ng	99
88) Benzo(b)fluoranthene	22.669	252	3876715	39.022	ng	99
89) Benzo(k)fluoranthene	22.716	252	3858588	41.152	ng	99
90) Benzo(a)pyrene	23.269	252	3560975	40.615	ng	99
91) Dibenzo(a,h)anthracene	25.707	278	4313578	40.769	ng	99
92) Benzo(g,h,i)perylene	26.465	276	4326444	40.272	ng	98

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

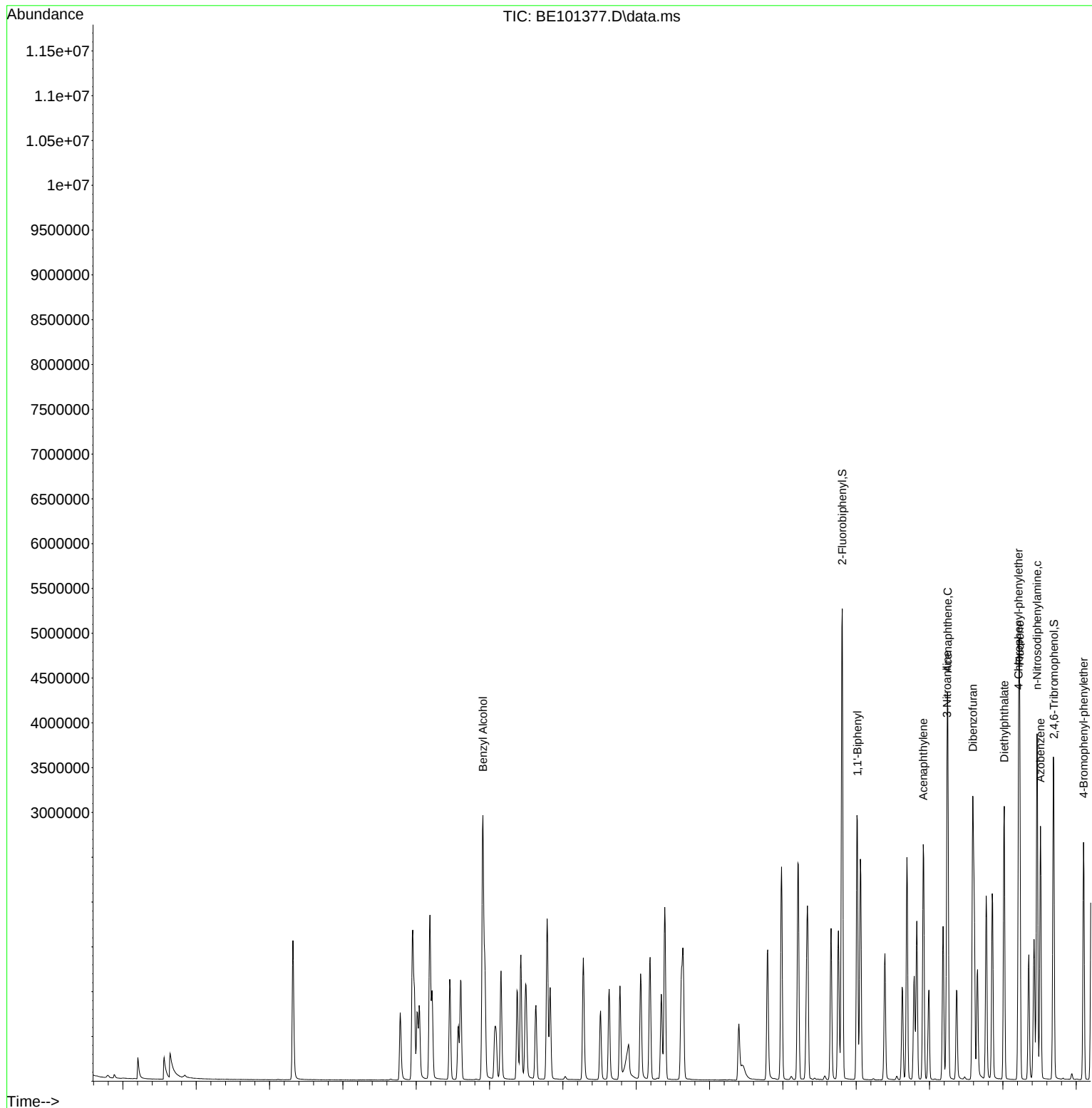
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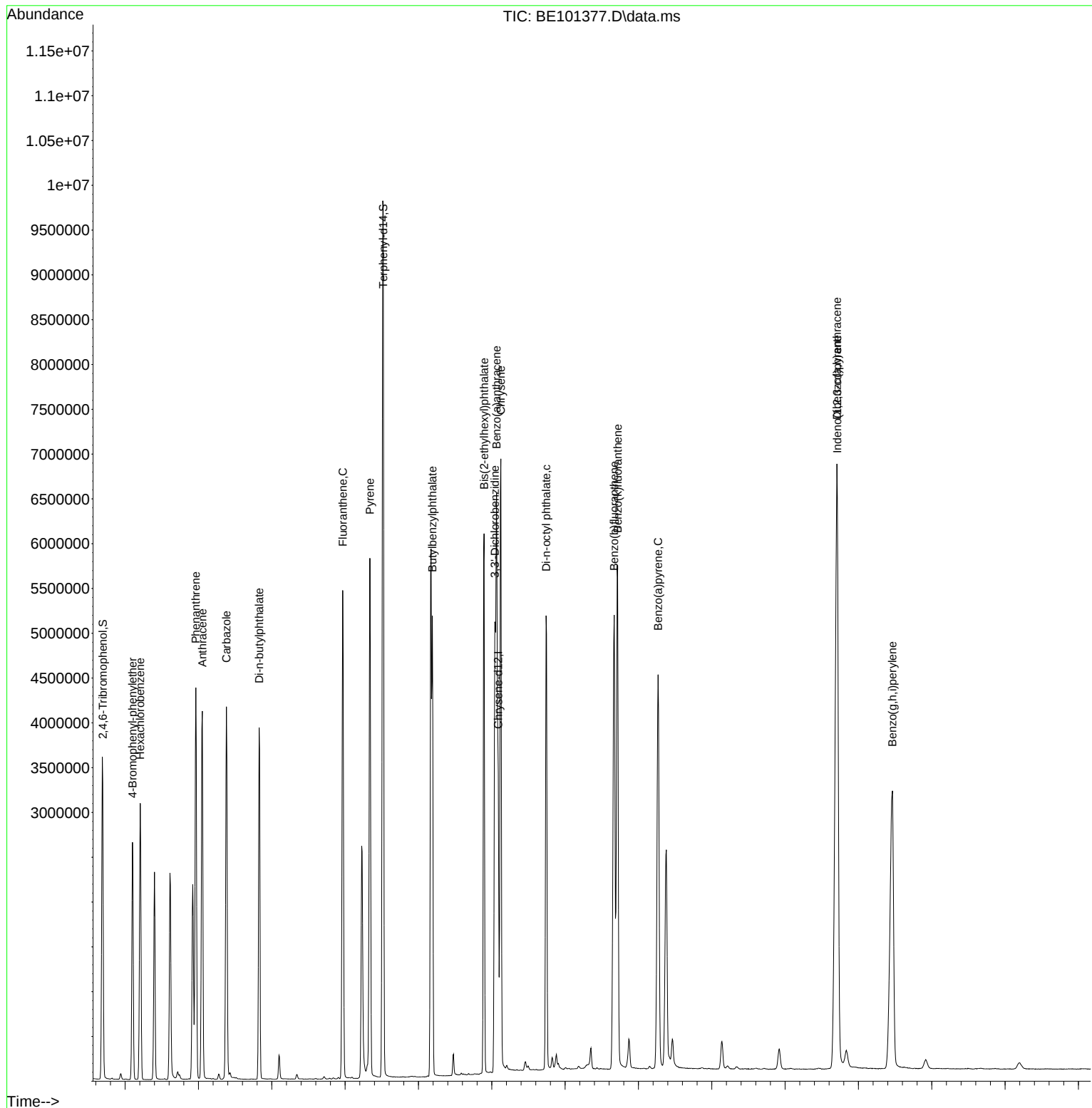
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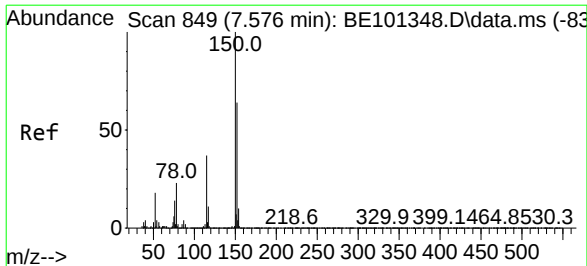
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.575 min Scan# 849
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

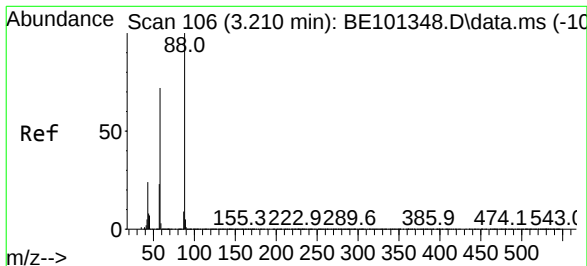
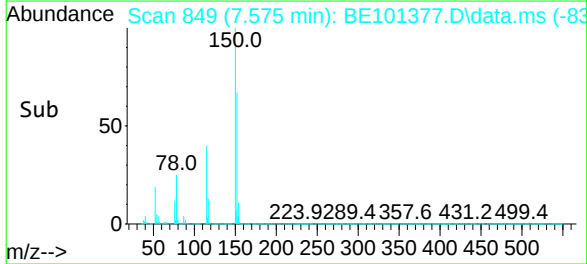
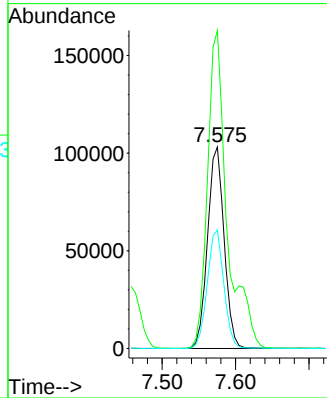
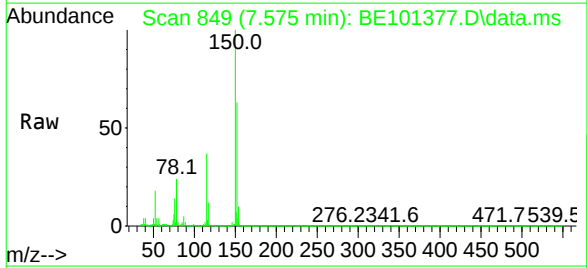
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 152 Resp: 162056
Ion Ratio Lower Upper
152 100
150 157.8 125.9 188.9
115 58.8 46.9 70.3

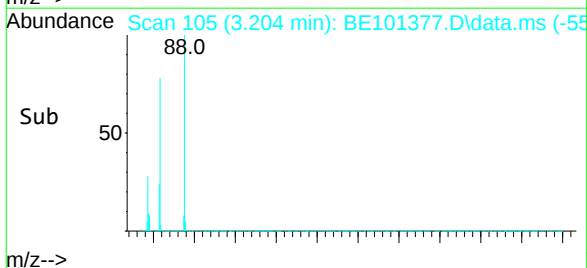
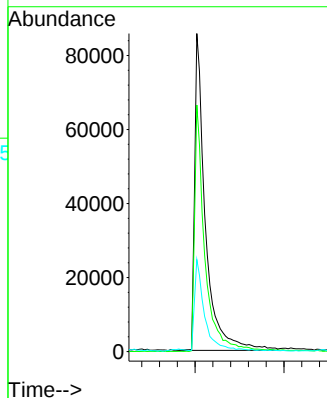
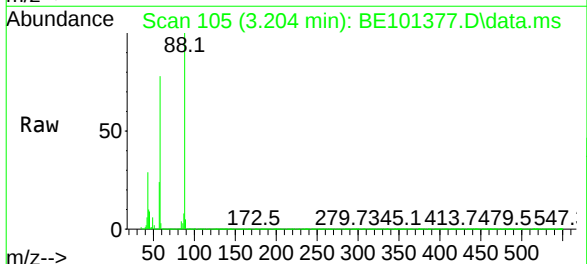
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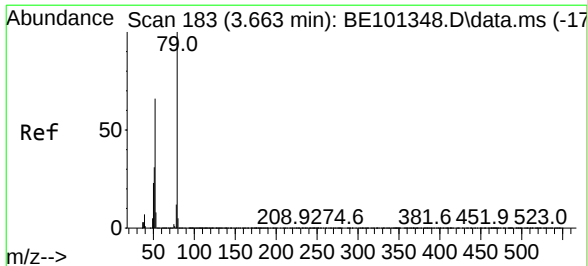
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#2
1,4-Dioxane
Concen: 40.718 ng
RT: 3.204 min Scan# 105
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion: 88 Resp: 143705
Ion Ratio Lower Upper
88 100
58 73.3 58.8 88.2
43 26.6 19.4 29.2





Pyridine

Concen: 41.610 ng m

RT: 3.645 min Scan# 18

Delta R.T. -0.018 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 423011

Ion Ratio Lower Upper

79 100

52 65.5 52.6 78.8

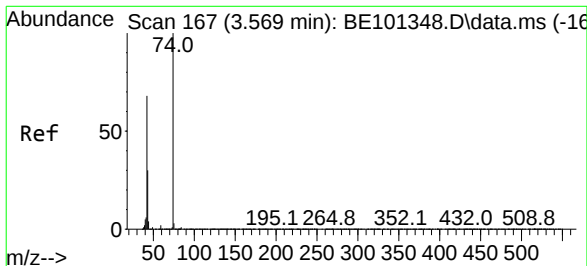
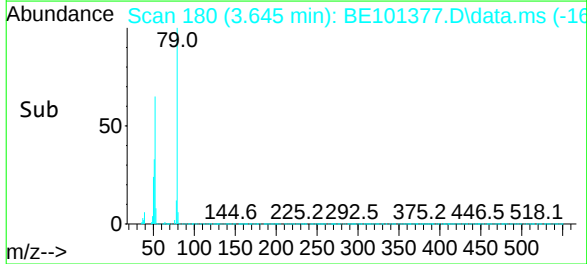
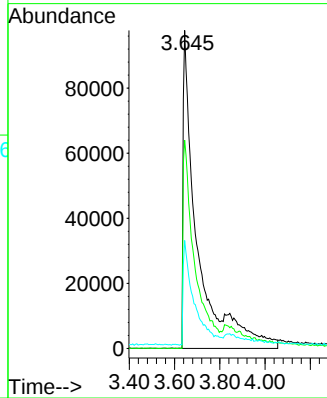
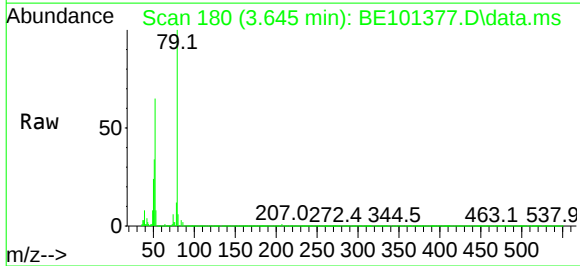
51 34.0 26.2 39.2

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n-Nitrosodimethylamine

Concen: 43.689 ng

RT: 3.562 min Scan# 166

Delta R.T. -0.007 min

Lab File: BE101377.D

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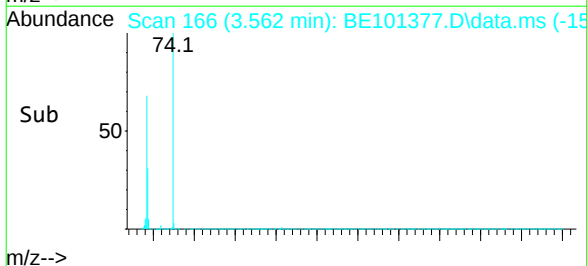
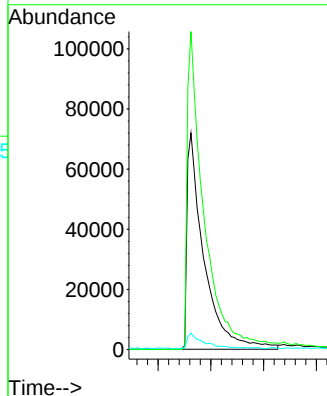
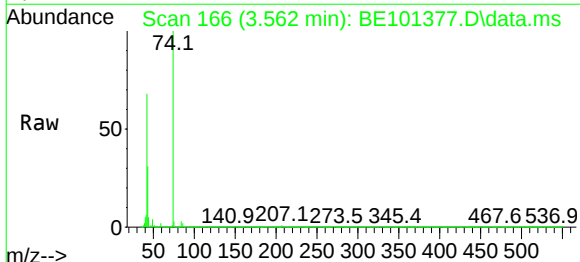
Tgt Ion: 42 Resp: 159574

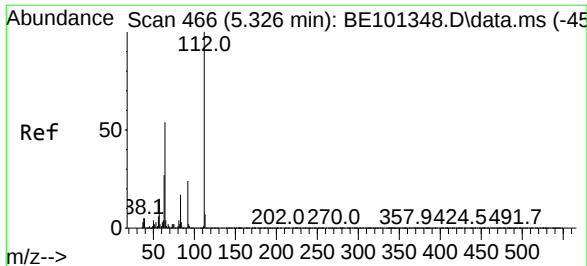
Ion Ratio Lower Upper

42 100

74 146.9 117.0 175.4

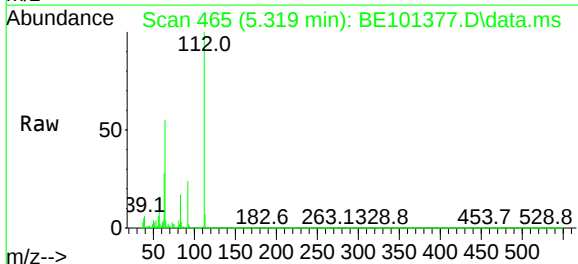
44 7.5 5.9 8.9





#5
2-Fluorophenol
Concen: 80.809 ng
RT: 5.319 min Scan# 46
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

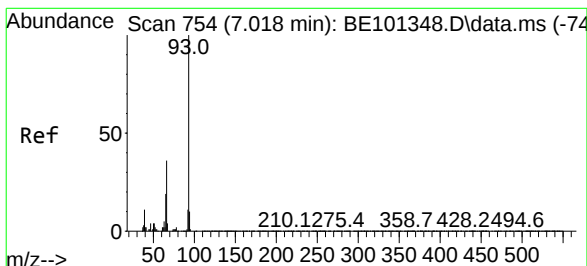
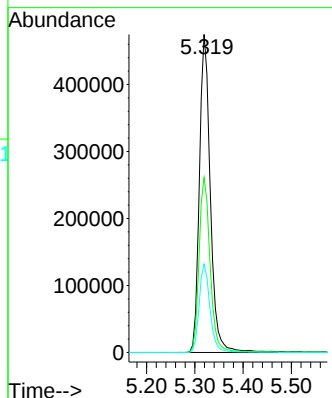
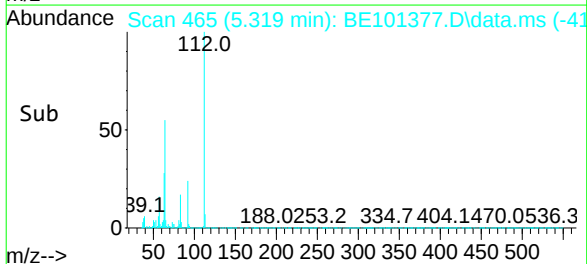
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Tgt Ion: 112 Resp: 748984
Ion Ratio Lower Upper
112 100
64 55.0 42.8 64.2
63 27.8 21.3 31.9

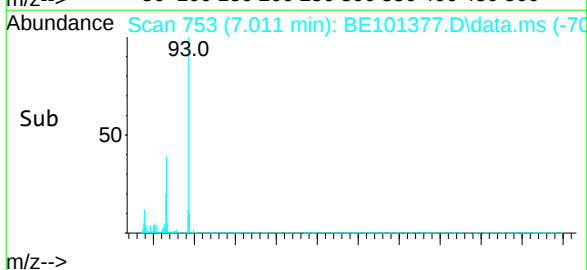
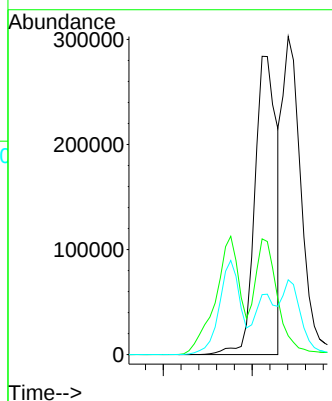
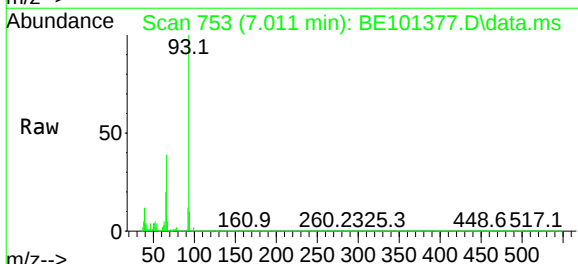
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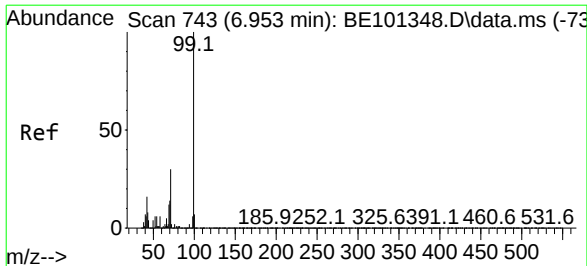
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#6
Aniline
Concen: 43.905 ng
RT: 7.011 min Scan# 753
Delta R.T. -0.007 min
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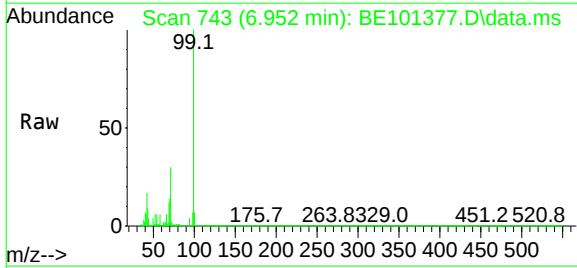
Tgt Ion: 93 Resp: 483989
Ion Ratio Lower Upper
93 100
66 38.8 30.0 45.0
65 20.1 15.8 23.8





#7
Phenol-d6
Concen: 79.994 ng
RT: 6.952 min Scan# 743
Delta R.T. -0.001 min
Lab File: BE101377.D
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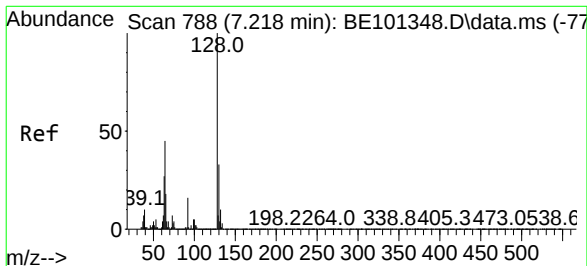
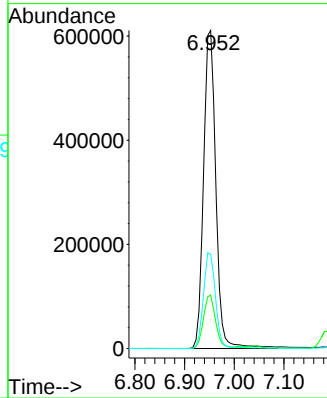
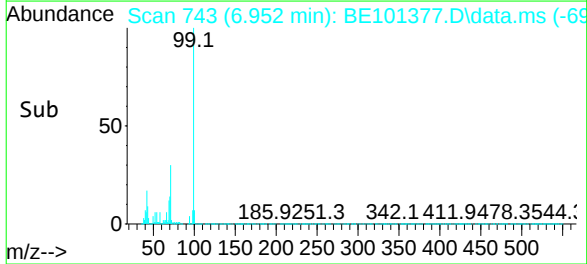
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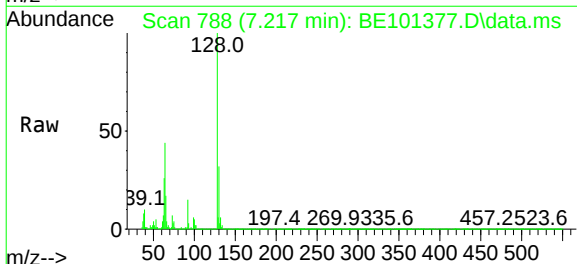
Tgt Ion: 99 Resp: 1051061
Ion Ratio Lower Upper
99 100
42 16.8 12.8 19.2
71 29.6 23.8 35.6

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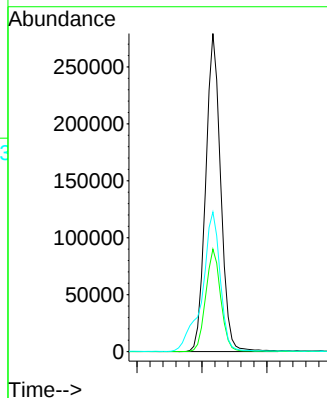
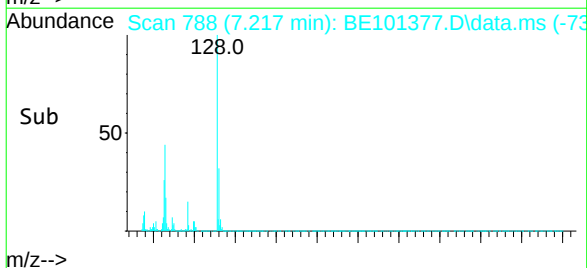
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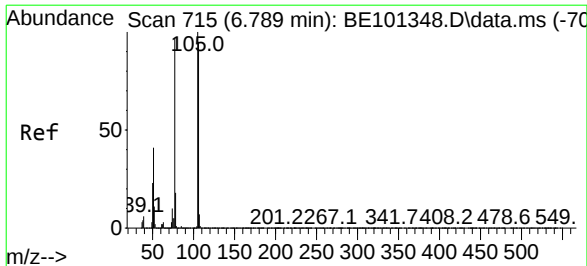


#8
2-Chlorophenol
Concen: 40.164 ng
RT: 7.217 min Scan# 788
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39



Tgt Ion:128 Resp: 447328
Ion Ratio Lower Upper
128 100
130 32.2 12.8 52.8
64 43.9 24.9 64.9





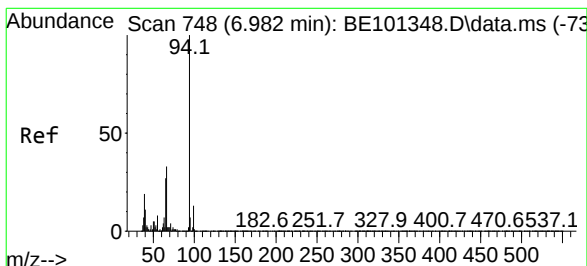
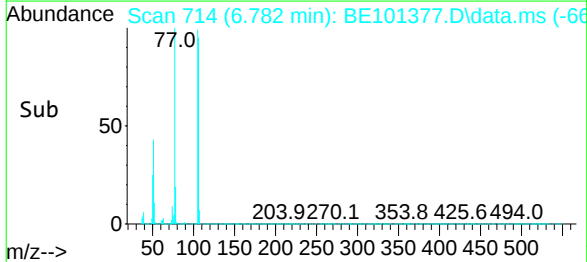
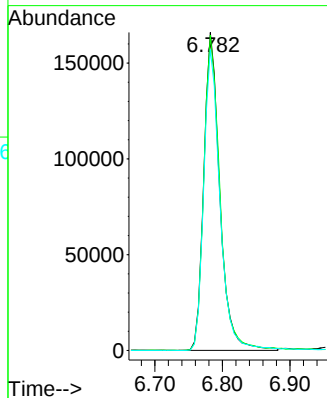
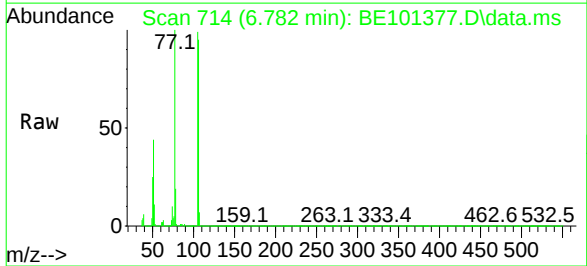
#9
Benzaldehyde
Concen: 45.198 ng
RT: 6.782 min Scan# 715
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument : BNA_E
ClientSampleId : SSTDCCC040EC

Tgt Ion: 77 Resp: 272937
Ion Ratio Lower Upper
77 100
105 99.2 82.8 122.8
106 94.6 77.9 117.9

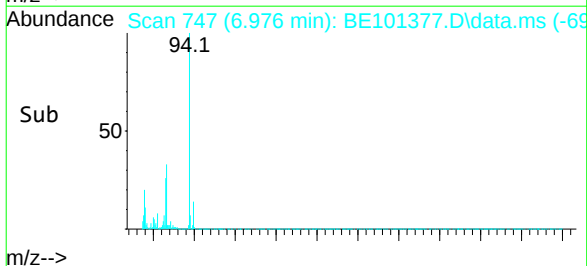
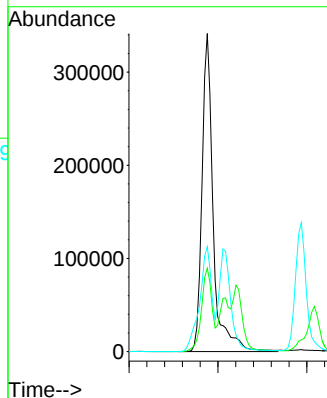
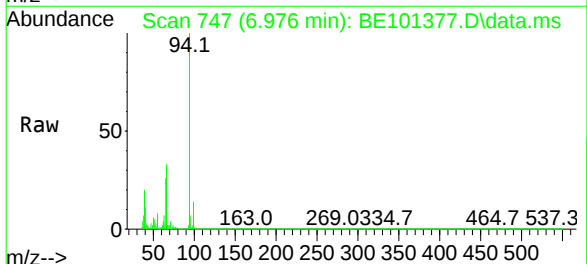
Manual Integrations
APPROVED

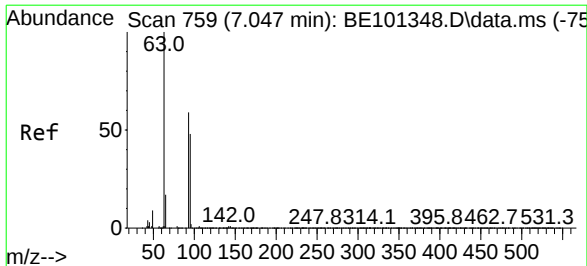
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 41.298 ng
RT: 6.976 min Scan# 747
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion: 94 Resp: 596438
Ion Ratio Lower Upper
94 100
65 26.2 7.1 47.1
66 33.0 13.1 53.1





#11

bis(2-Chloroethyl)ether

Concen: 37.195 ng

RT: 7.041 min Scan# 759

Delta R.T. -0.007 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 454631

Ion Ratio Lower Upper

93 100

63 65.3 43.7 83.7

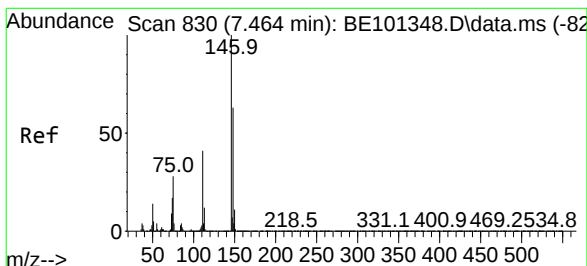
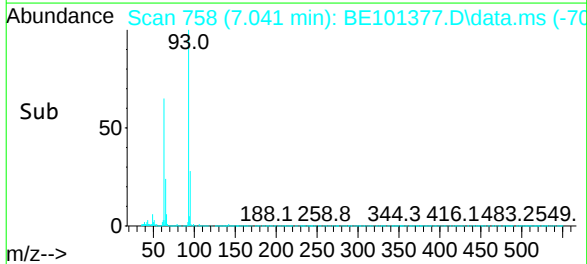
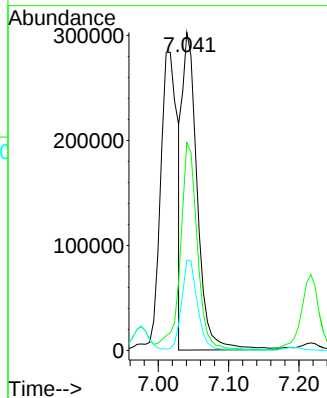
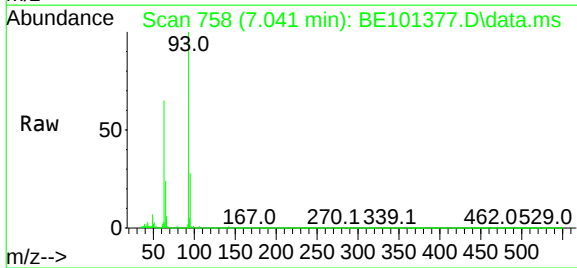
95 28.4 8.7 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#12

1,3-Dichlorobenzene

Concen: 39.313 ng

RT: 7.458 min Scan# 829

Delta R.T. -0.007 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

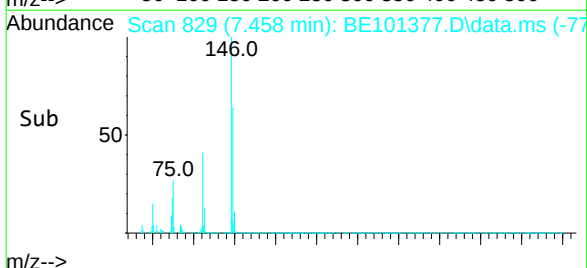
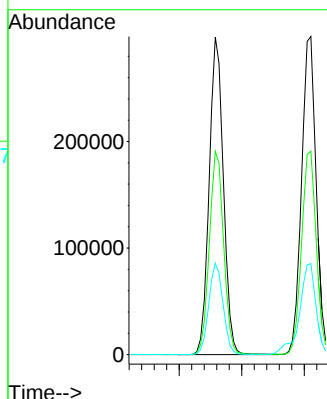
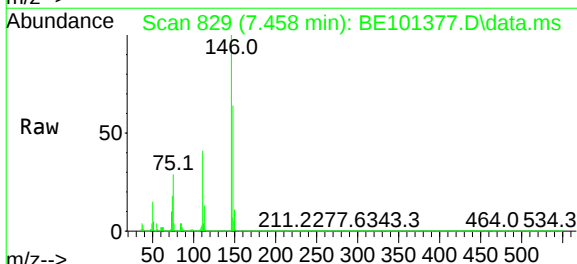
Tgt Ion:146 Resp: 470575

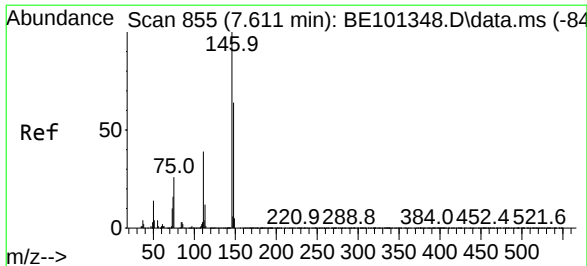
Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

75 28.8 22.1 33.1





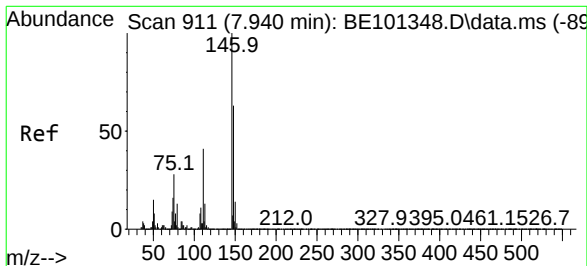
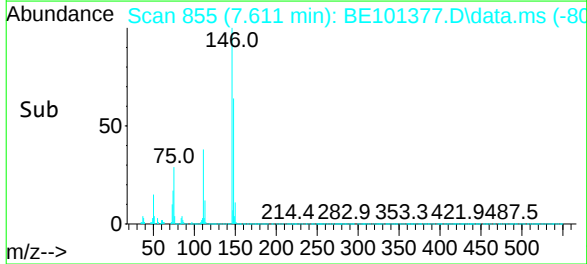
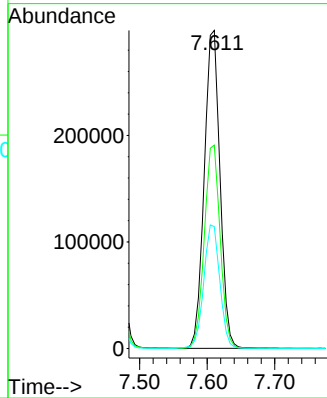
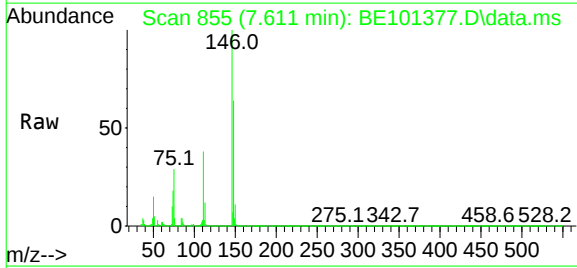
#13
1,4-Dichlorobenzene
Concen: 39.626 ng
RT: 7.611 min Scan# 855
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 483266
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 38.3 31.1 46.7

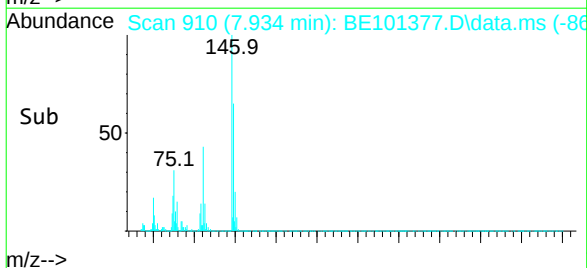
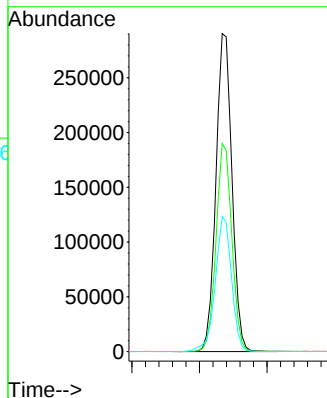
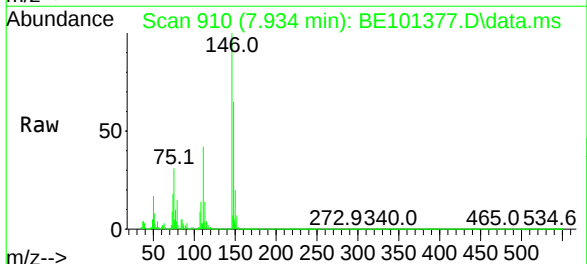
Manual Integrations
APPROVED

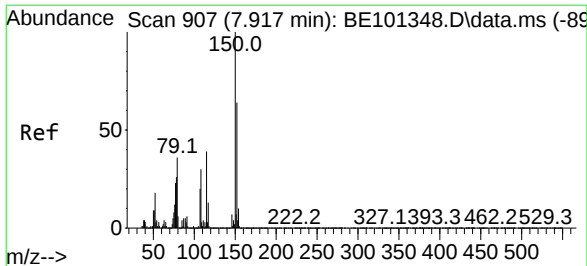
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 39.614 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion:146 Resp: 478731
Ion Ratio Lower Upper
146 100
148 65.4 50.4 75.6
111 42.5 32.6 48.8





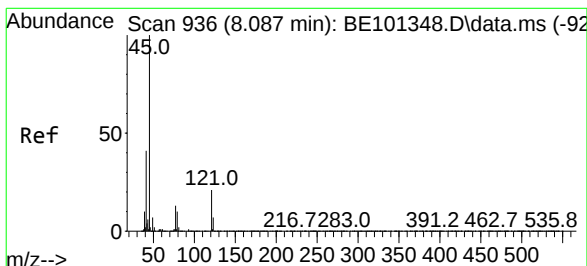
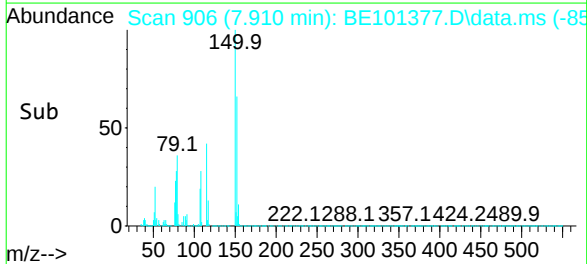
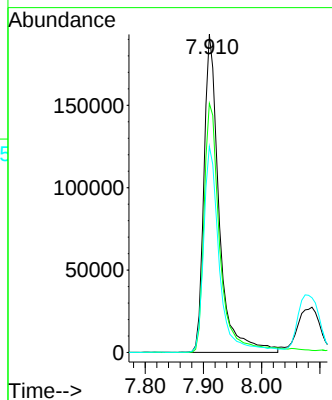
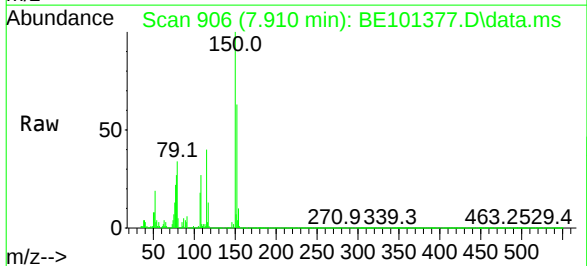
#15
Benzyl Alcohol
Concen: 44.756 ng
RT: 7.910 min Scan# 907
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 350160
Ion Ratio Lower Upper
79 100
108 78.3 66.0 99.0
77 64.8 51.0 76.6

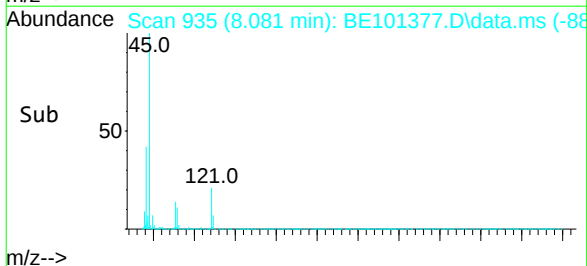
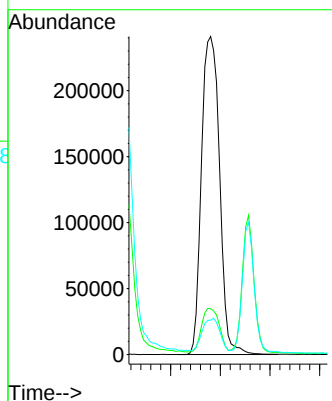
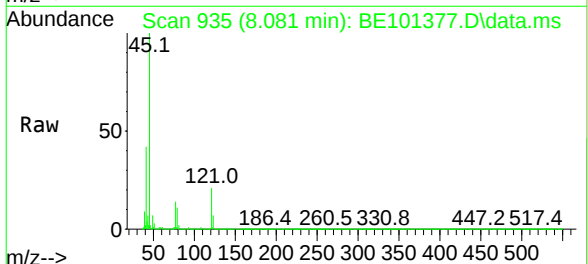
Manual Integrations
APPROVED

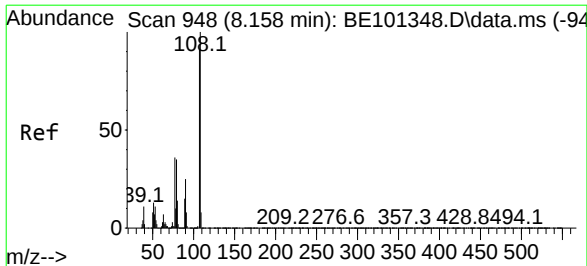
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.567 ng
RT: 8.081 min Scan# 935
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion: 45 Resp: 609527
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.3
79 10.9 0.0 31.6





#17
2-Methylphenol
Concen: 40.791 ng
RT: 8.157 min Scan# 948
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

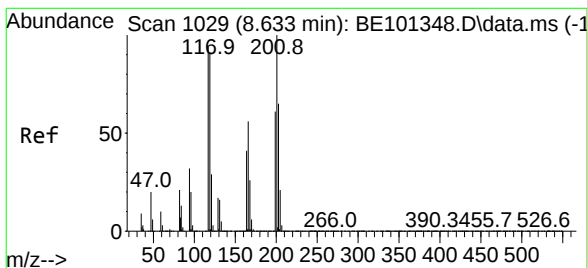
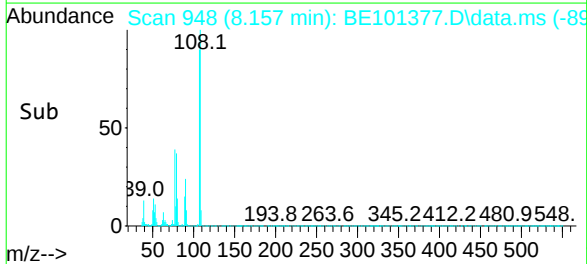
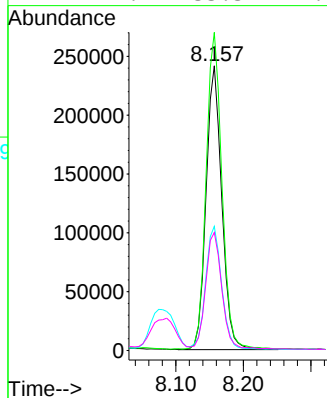
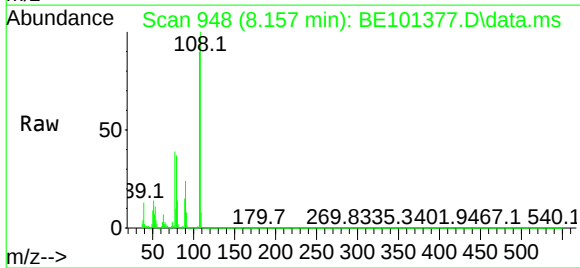
Tgt	Ion	Ratio	Lower	Upper
107	107	100		
108	111.7	88.2	132.2	
77	43.6	34.9	52.3	
79	41.4	33.3	49.9	

Manual Integrations

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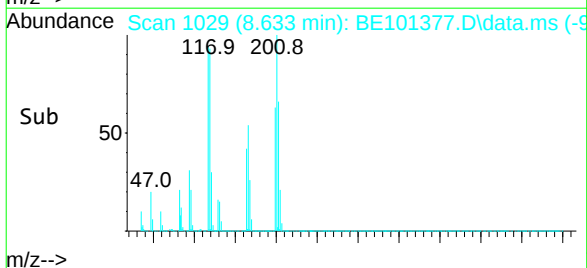
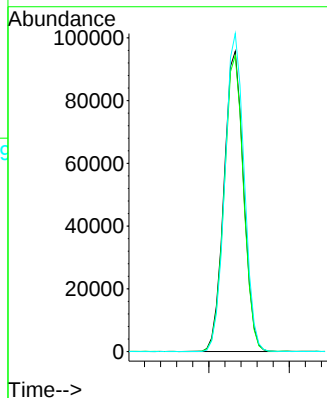
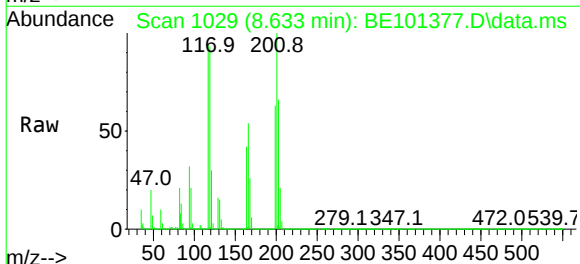
Reviewed By :Yogesh Patel 09/21/2024

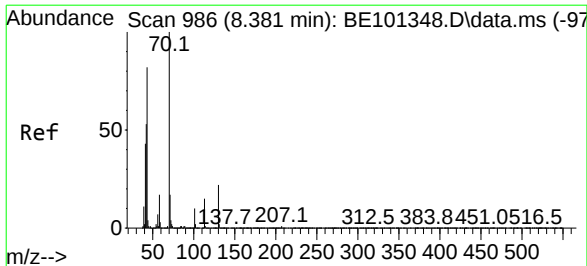
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 40.644 ng
RT: 8.633 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

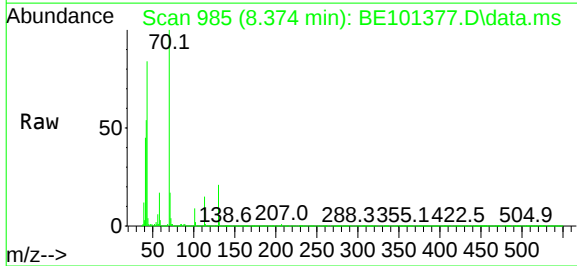
Tgt	Ion	Ratio	Lower	Upper
117	117	100		
119	98.6	77.4	116.2	
201	105.9	84.8	127.2	





#19
n-Nitroso-di-n-propylamine
Concen: 41.425 ng
RT: 8.374 min Scan# 98
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

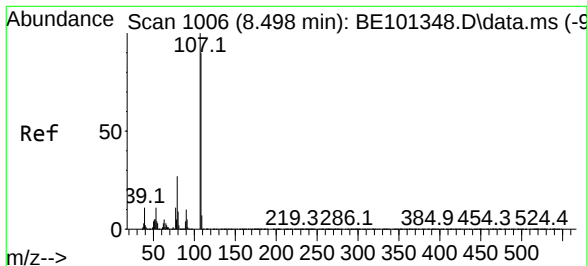
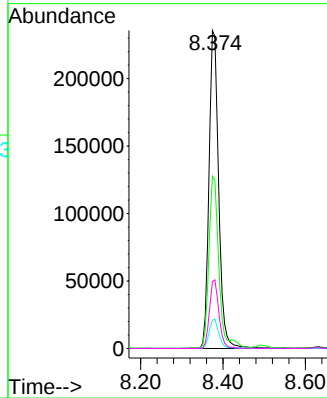
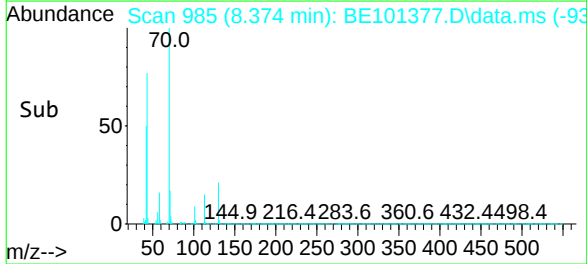
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



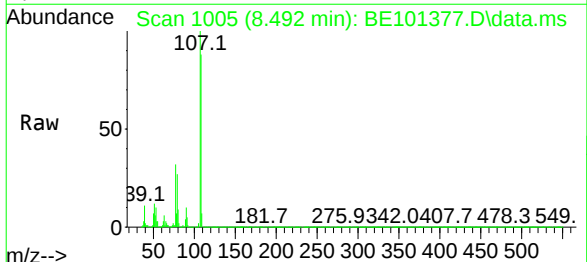
Tgt Ion: 70 Resp: 384152
Ion Ratio Lower Upper
70 100
42 54.2 42.5 63.7
101 8.9 7.8 11.6
130 21.0 17.9 26.9

Manual Integrations
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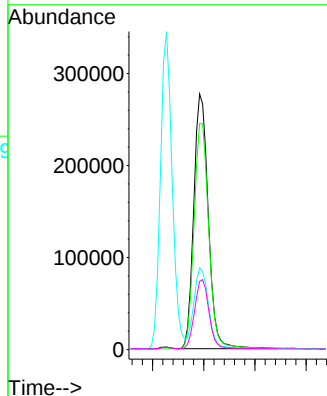
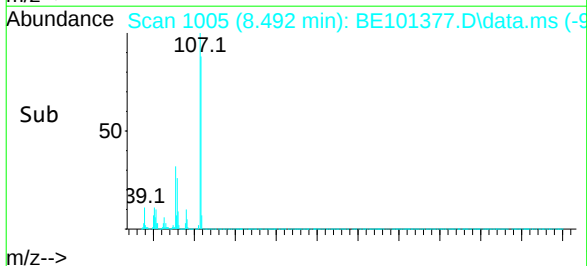
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

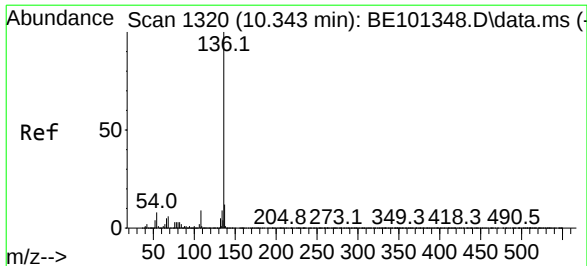


#20
3+4-Methylphenols
Concen: 40.607 ng
RT: 8.492 min Scan# 1005
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39



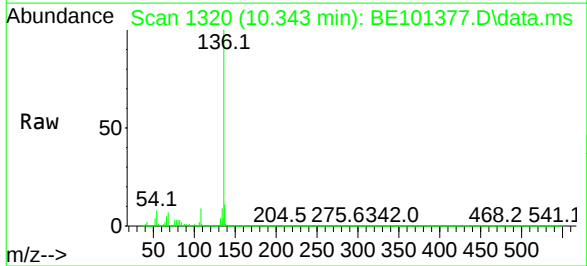
Tgt Ion:107 Resp: 546773
Ion Ratio Lower Upper
107 100
108 88.4 70.4 110.4
77 32.0 12.5 52.5
79 26.7 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.343 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

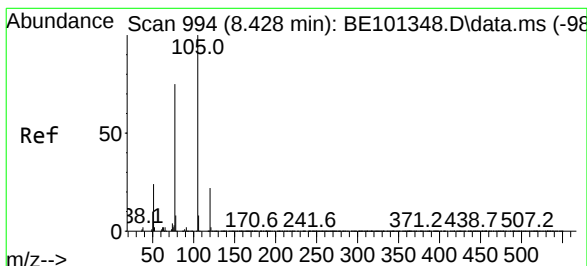
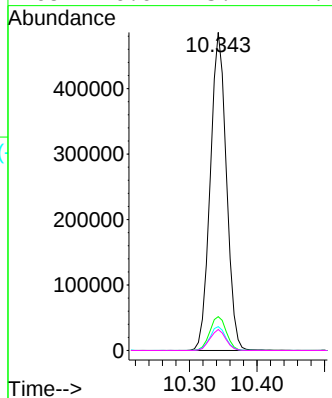
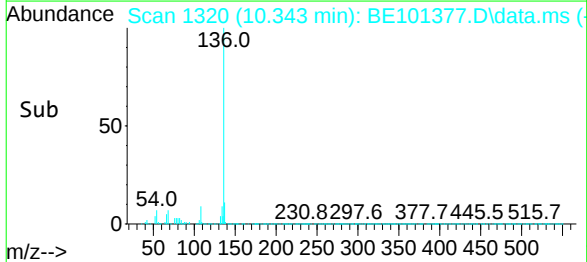
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



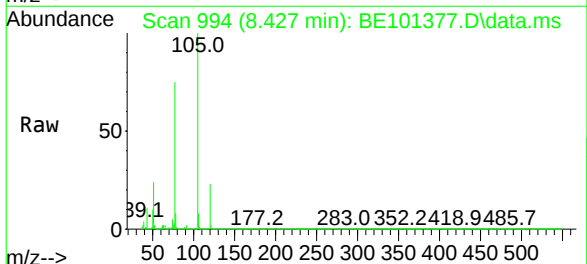
Tgt Ion:136 Resp: 805032
Ion Ratio Lower Upper
136 100
137 10.6 9.3 13.9
54 7.5 6.1 9.1
68 6.6 5.1 7.7

Manual Integrations
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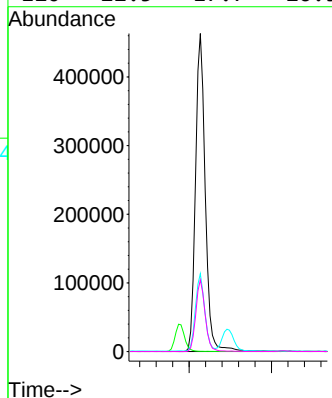
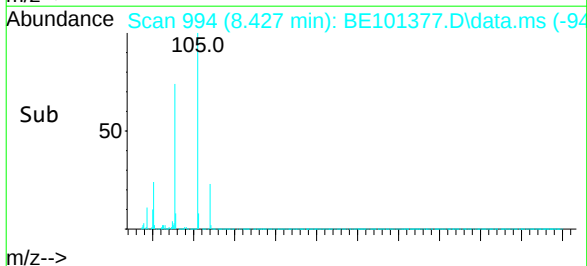
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

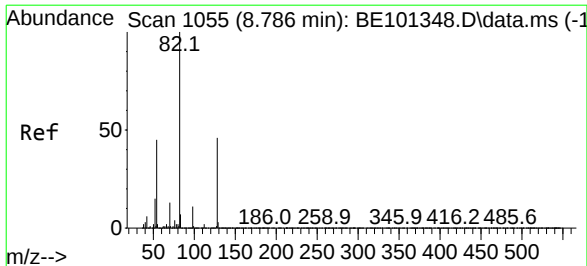


#22
Acetophenone
Concen: 40.662 ng
RT: 8.427 min Scan# 994
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39



Tgt Ion:105 Resp: 759064
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 24.5 19.0 28.4
120 22.5 17.7 26.5





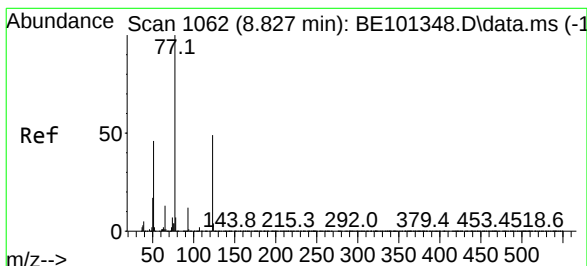
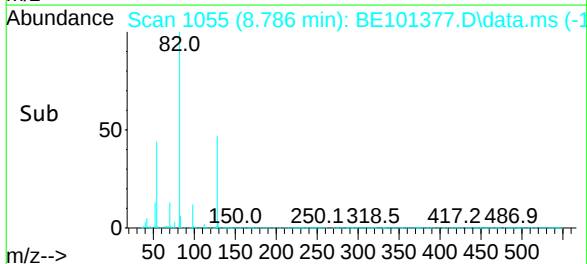
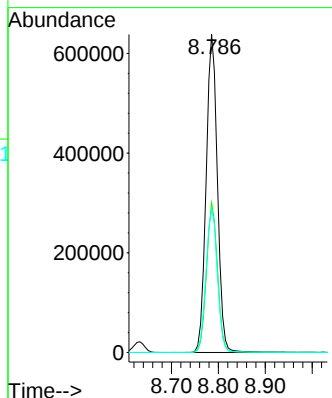
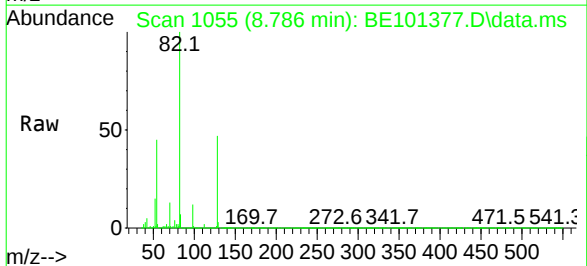
#23
Nitrobenzene-d5
Concen: 83.915 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1065555
Ion Ratio Lower Upper
82 100
128 47.1 36.8 55.2
54 45.0 36.2 54.4

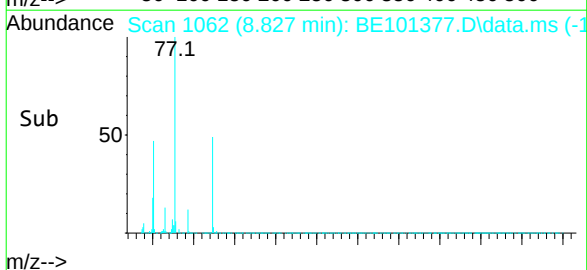
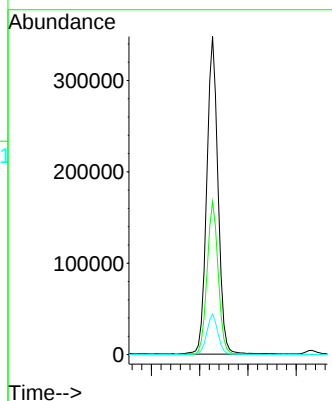
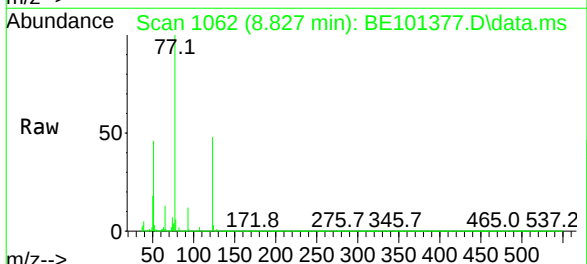
Manual Integrations
APPROVED

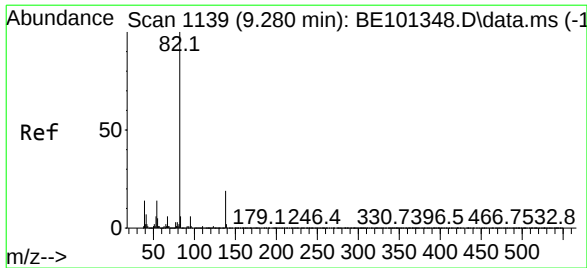
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 41.579 ng
RT: 8.827 min Scan# 1062
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

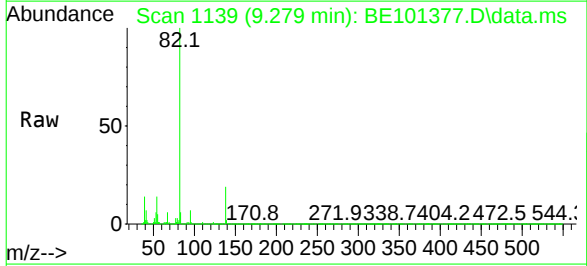
Tgt Ion: 77 Resp: 563677
Ion Ratio Lower Upper
77 100
123 48.1 39.0 58.4
65 12.7 10.2 15.4





#25
Isophorone
Concen: 40.764 ng
RT: 9.279 min Scan# 1139
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

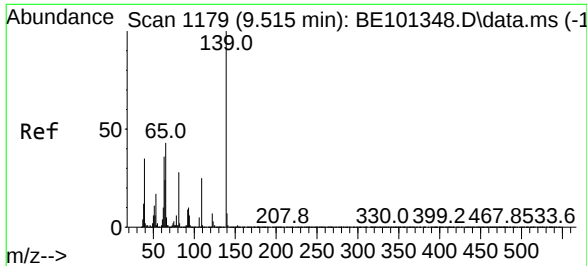
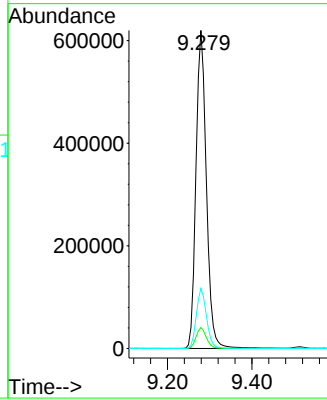
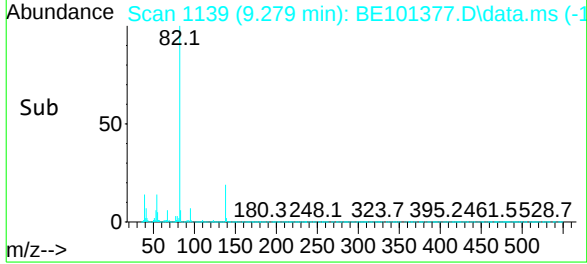
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



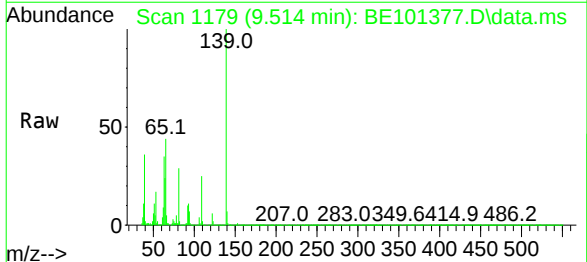
Tgt Ion: 82 Resp: 1059657
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 18.9 15.0 22.6

Manual Integrations
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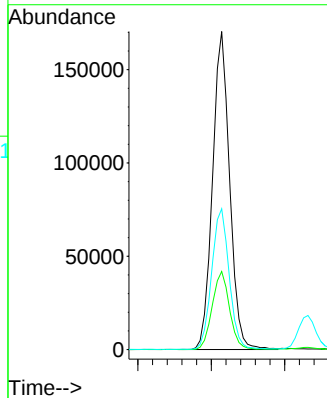
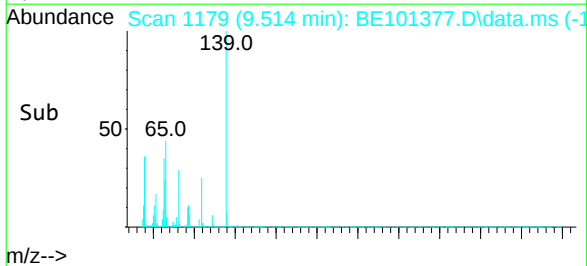
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

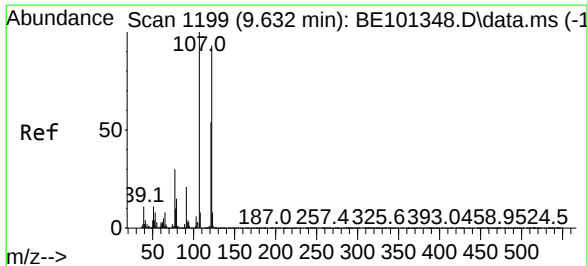


#26
2-Nitrophenol
Concen: 43.067 ng
RT: 9.514 min Scan# 1179
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39



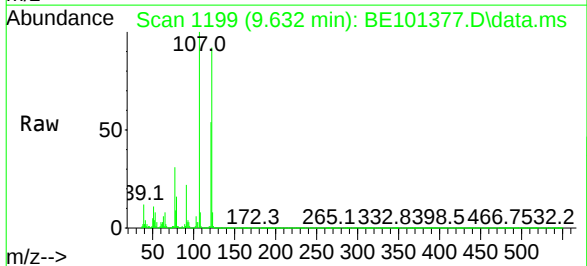
Tgt Ion:139 Resp: 275549
Ion Ratio Lower Upper
139 100
109 24.6 19.8 29.6
65 44.3 34.6 52.0





#27
2,4-Dimethylphenol
Concen: 41.072 ng
RT: 9.632 min Scan# 1199
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

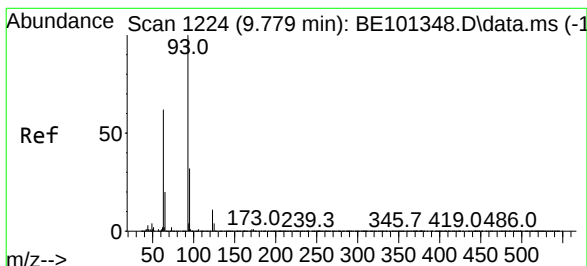
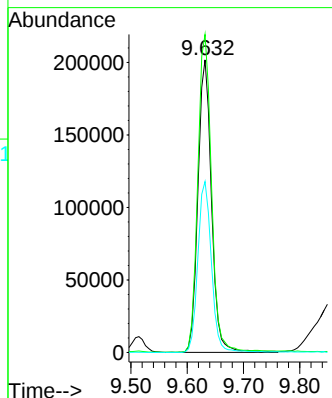
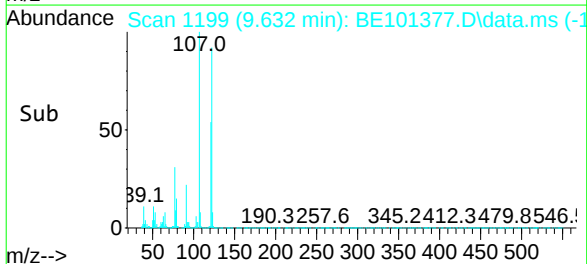
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



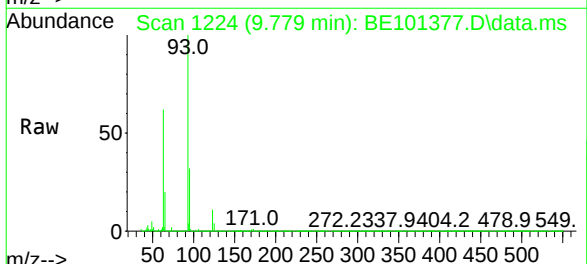
Tgt Ion: 122 Resp: 337358
Ion Ratio Lower Upper
122 100
107 108.7 86.4 129.6
121 58.4 46.3 69.5

Manual Integrations
APPROVED

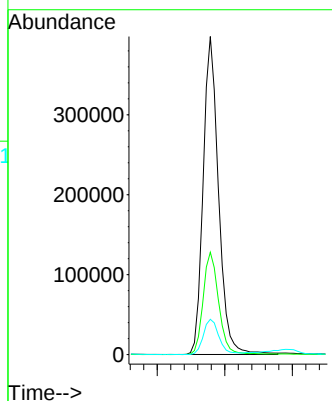
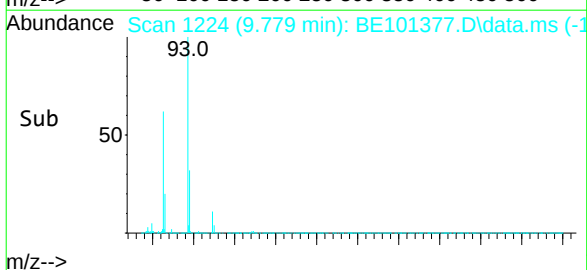
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

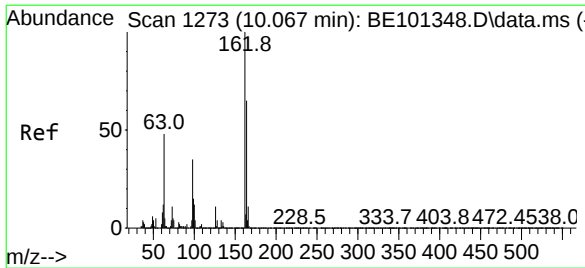


#28
bis(2-Chloroethoxy)methane
Concen: 40.021 ng
RT: 9.779 min Scan# 1224
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39



Tgt Ion: 93 Resp: 629280
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 11.1 9.0 13.4





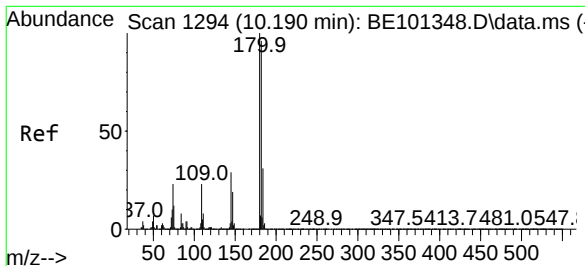
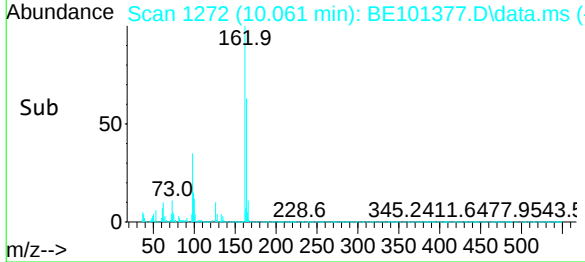
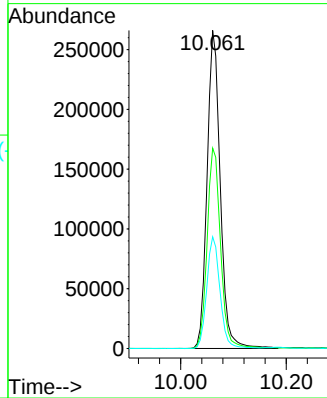
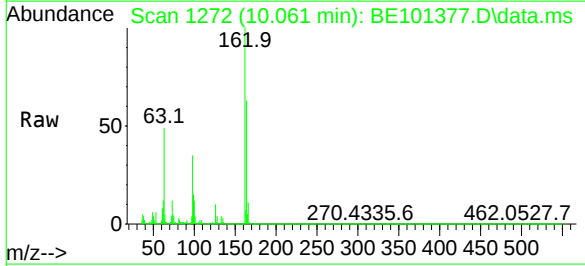
#29
2,4-Dichlorophenol
Concen: 41.020 ng
RT: 10.061 min Scan# 1273
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	162	Resp:	461389
Ion Ratio	Lower	Upper	
162	100		
164	63.0	44.6	84.6
98	35.1	14.7	54.7

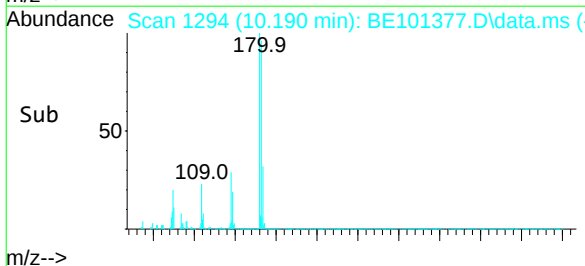
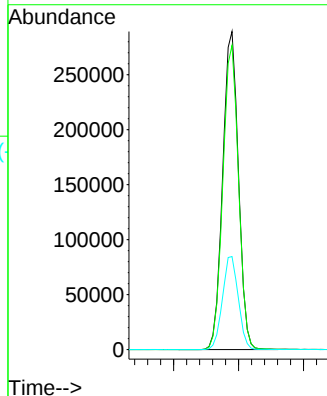
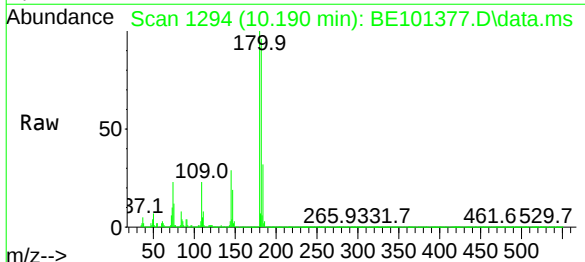
Manual Integrations
APPROVED

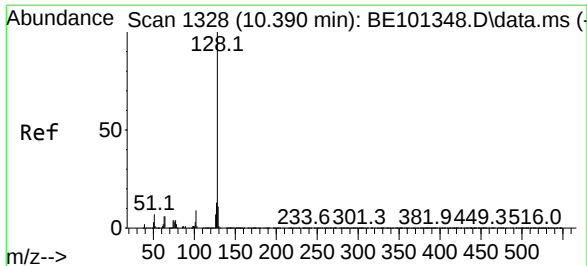
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.922 ng
RT: 10.190 min Scan# 1294
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion:	180	Resp:	485312
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.6	114.8
145	29.3	23.5	35.3





#31

Naphthalene

Concen: 40.080 ng

RT: 10.390 min Scan# 1328

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:128 Resp: 1628036

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

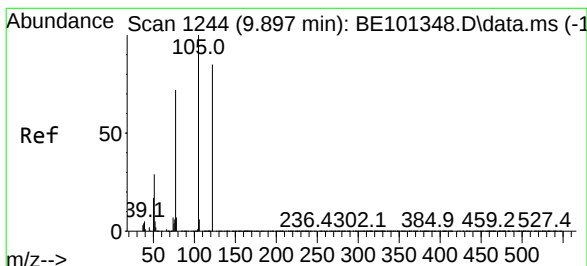
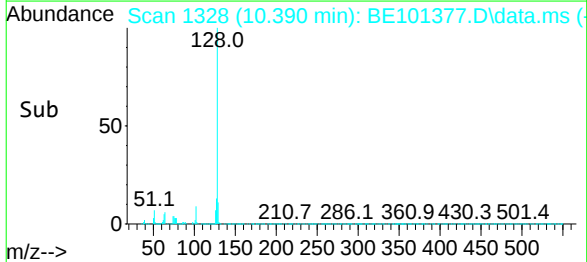
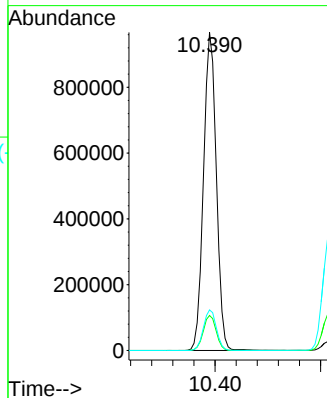
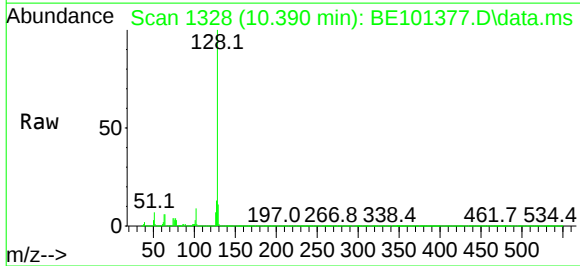
127 12.8 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#32

Benzoic acid

Concen: 38.683 ng

RT: 9.896 min Scan# 1244

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

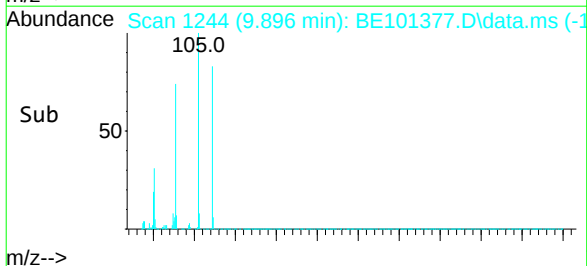
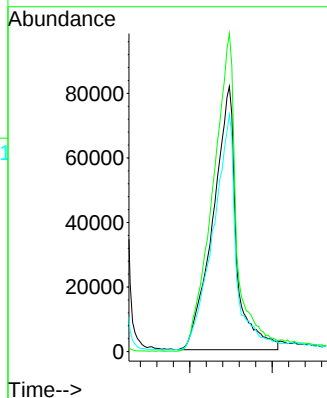
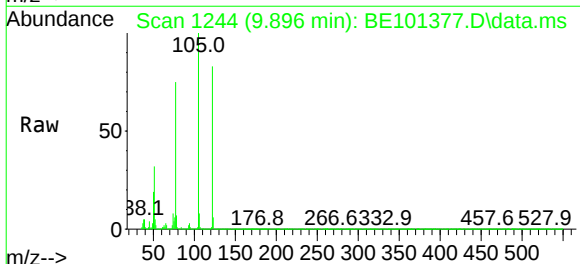
Tgt Ion:122 Resp: 323969

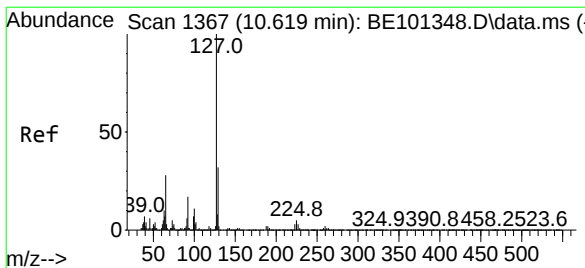
Ion Ratio Lower Upper

122 100

105 119.9 96.7 136.7

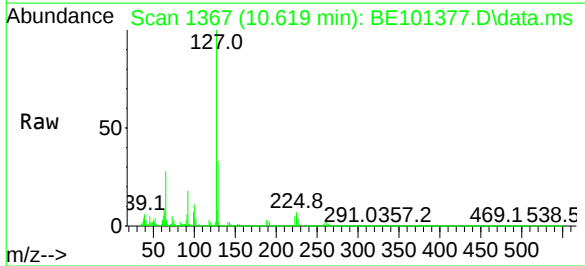
77 89.4 64.8 104.8





#33
4-Chloroaniline
Concen: 41.003 ng
RT: 10.619 min Scan# 1367
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

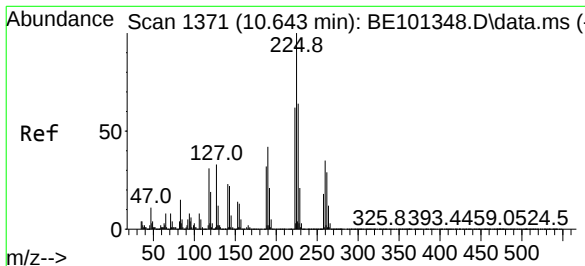
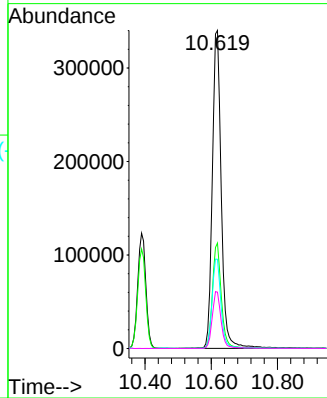
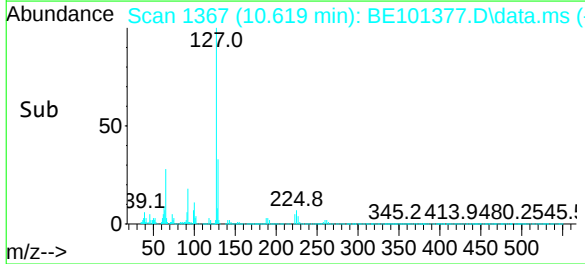
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



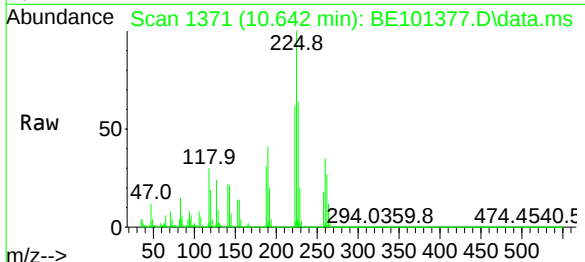
Tgt Ion:	127	Resp:	637201
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.8	38.8
65	28.0	22.5	33.7
92	17.7	13.9	20.9

Manual Integrations
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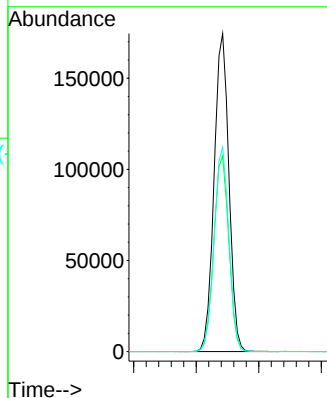
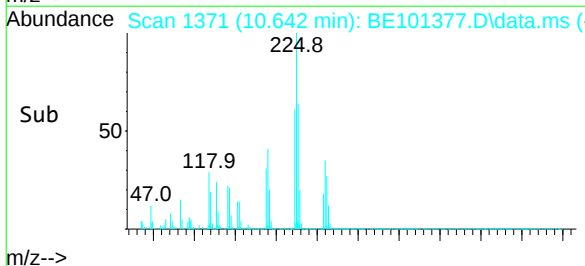
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

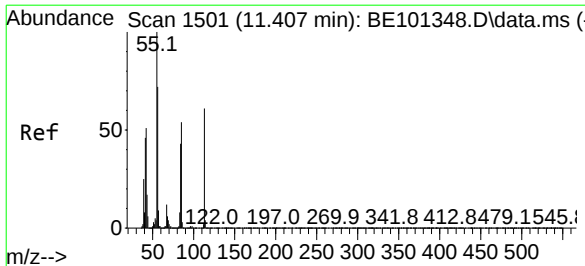


#34
Hexachlorobutadiene
Concen: 40.550 ng
RT: 10.642 min Scan# 1371
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39



Tgt Ion:	225	Resp:	286393
Ion Ratio	Lower	Upper	
225	100		
223	61.5	49.8	74.8
227	64.3	51.3	76.9





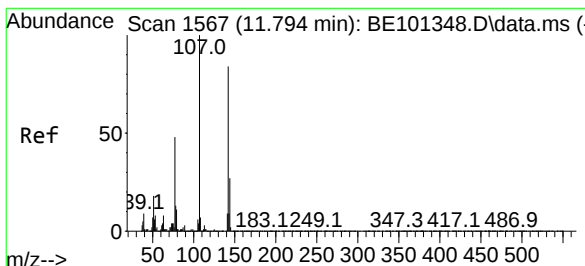
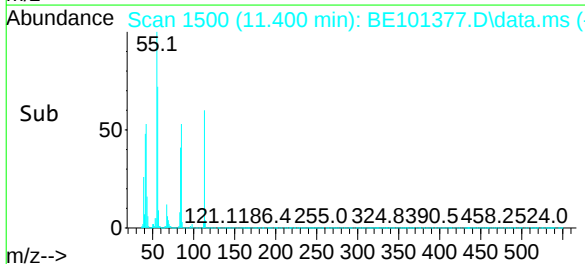
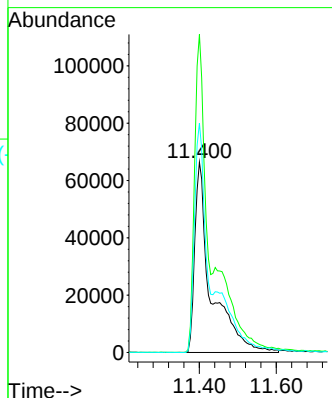
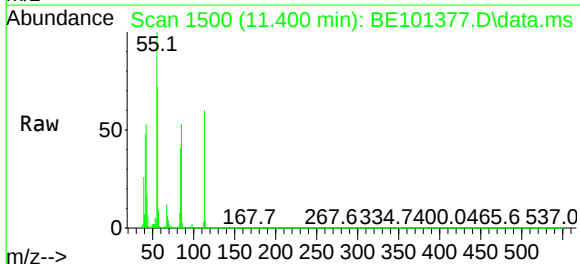
#35
Caprolactam
Concen: 43.047 ng m
RT: 11.400 min Scan# 1501
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 195606
Ion Ratio Lower Upper
113 100
55 167.1 144.8 184.8
56 120.5 99.3 139.3

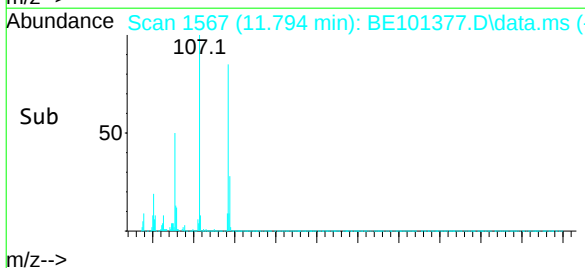
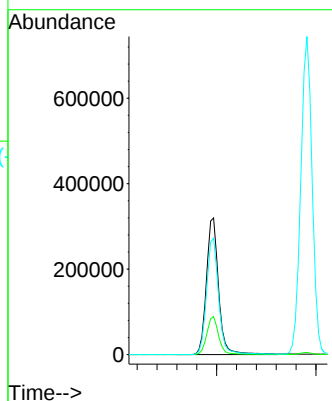
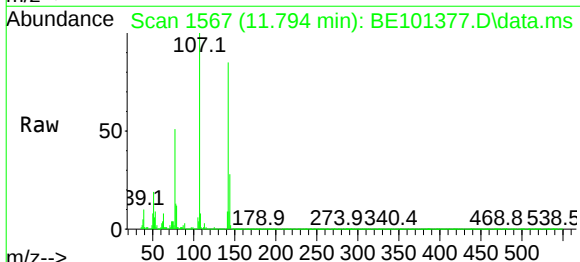
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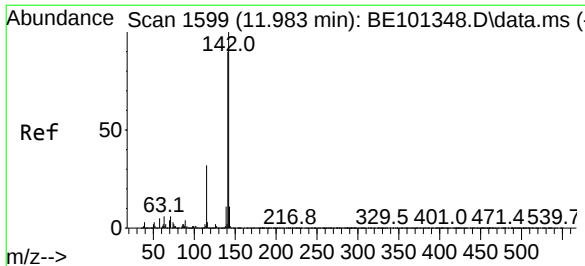
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 40.974 ng
RT: 11.794 min Scan# 1567
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion:107 Resp: 544579
Ion Ratio Lower Upper
107 100
144 27.8 21.9 32.9
142 85.2 67.4 101.2





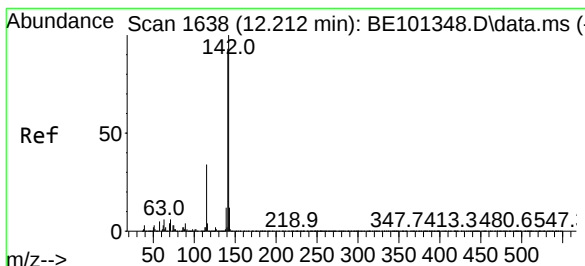
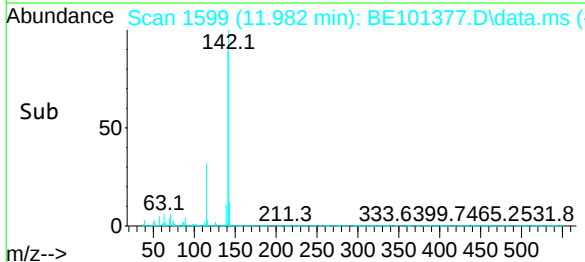
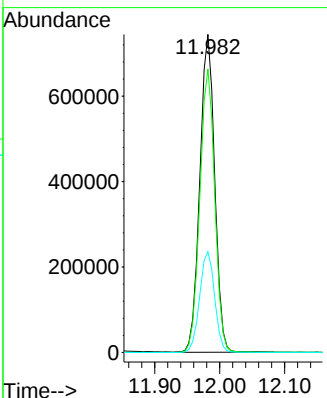
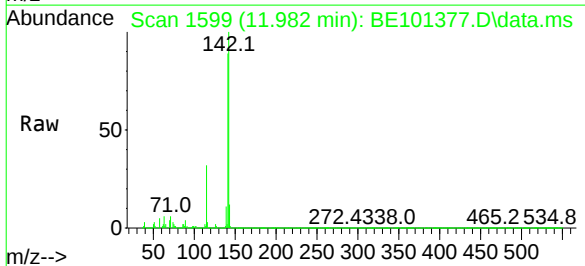
#37
2-Methylnaphthalene
Concen: 39.744 ng
RT: 11.982 min Scan# 1599
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument : BNA_E
ClientSampleId : SSTDCCC040EC

Tgt Ion:142 Resp: 1180665
Ion Ratio Lower Upper
142 100
141 89.1 71.8 107.6
115 31.7 25.6 38.4

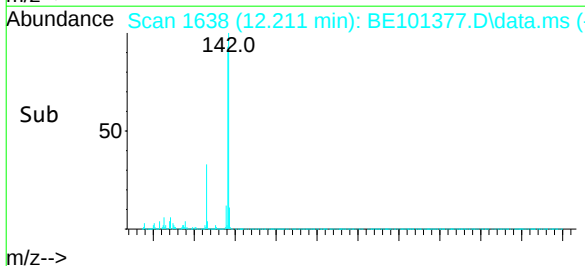
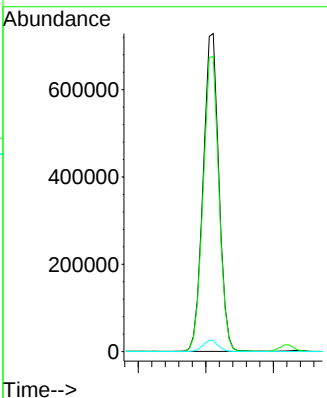
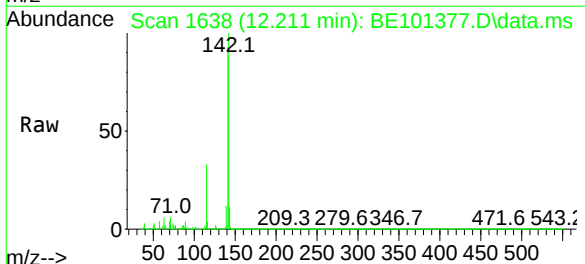
Manual Integrations
APPROVED

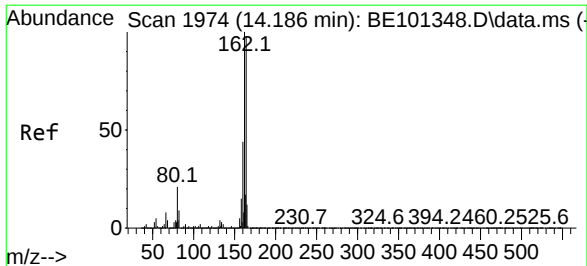
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 39.406 ng
RT: 12.211 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion:142 Resp: 1174436
Ion Ratio Lower Upper
142 100
141 92.8 74.3 111.5
116 3.5 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.185 min Scan# 1974

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

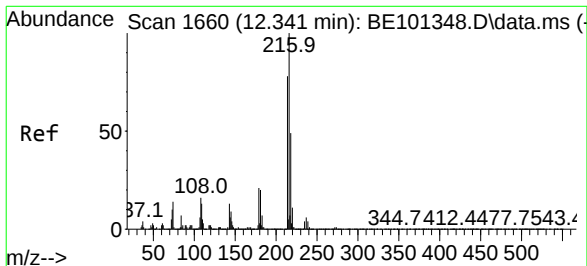
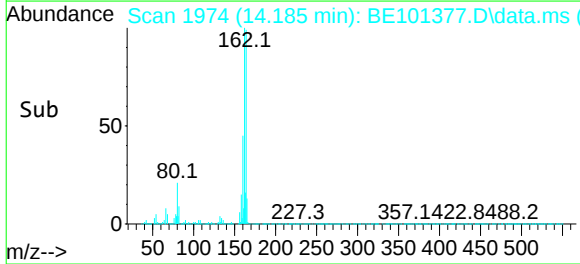
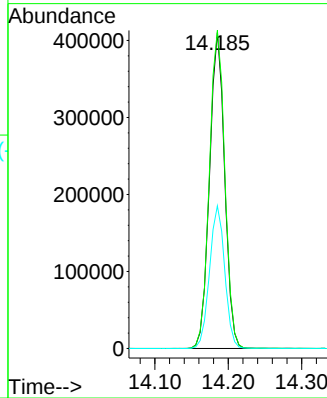
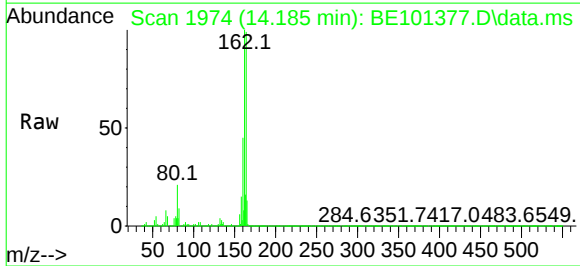
Tgt	Ion	164	Resp:	586076
Ion	Ratio	Lower	Upper	
164	100			
162	100.7	82.6	123.8	
160	45.1	36.1	54.1	

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.182 ng

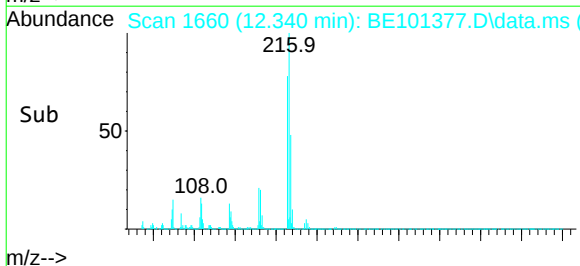
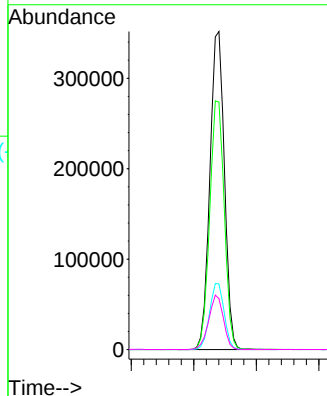
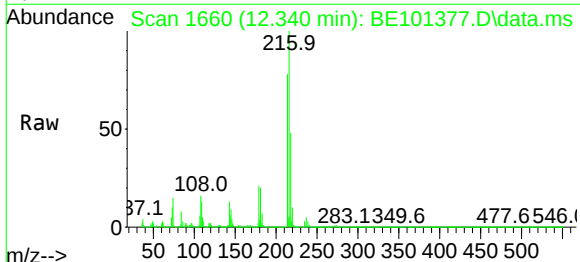
RT: 12.340 min Scan# 1660

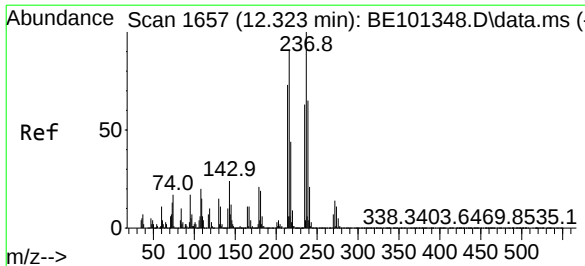
Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Tgt	Ion	216	Resp:	567295
Ion	Ratio	Lower	Upper	
216	100			
214	78.5	62.6	94.0	
179	20.9	16.9	25.3	
108	17.3	13.9	20.9	





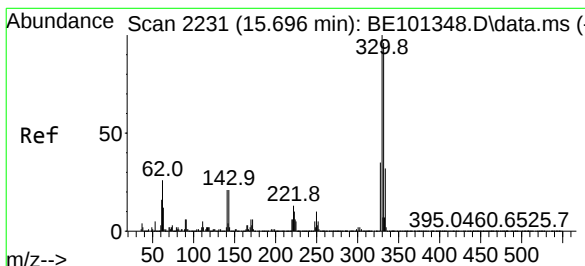
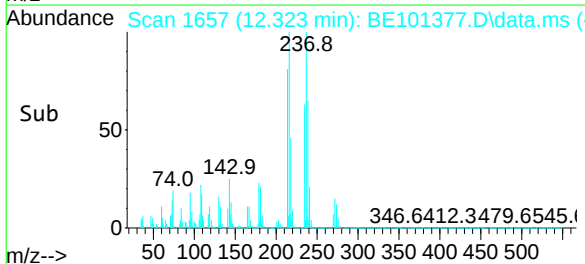
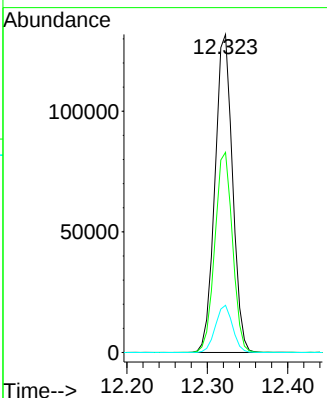
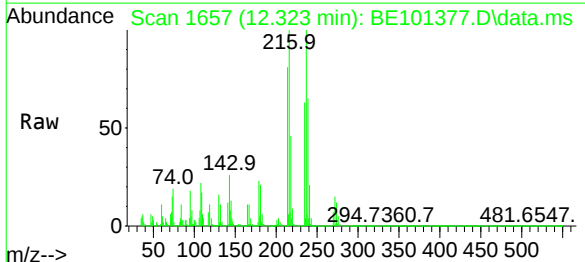
#41
Hexachlorocyclopentadiene
Concen: 43.129 ng
RT: 12.323 min Scan# 1657
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument : BNA_E
ClientSampleId : SSTDCCC040EC

Tgt Ion: 237 Resp: 200069
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 14.8 0.0 34.0

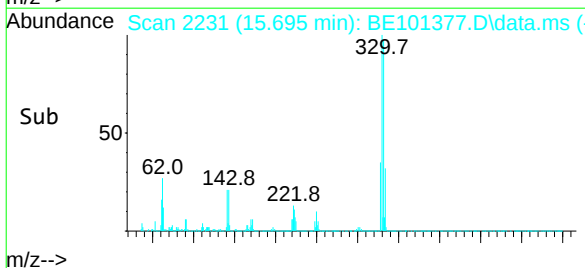
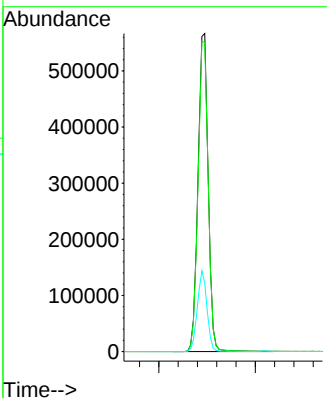
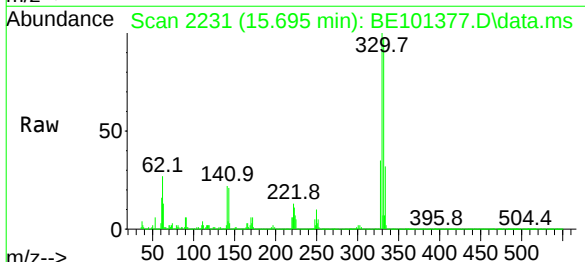
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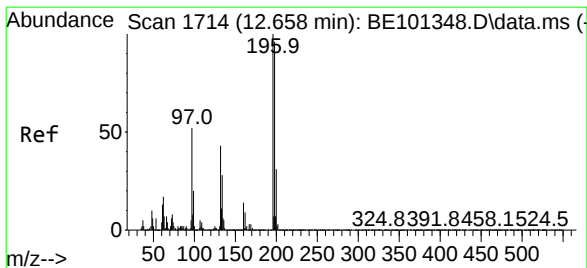
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#42
2,4,6-Tribromophenol
Concen: 84.104 ng
RT: 15.695 min Scan# 2231
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion: 330 Resp: 829066
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 24.1 19.1 28.7





#43

2,4,6-Trichlorophenol

Concen: 41.290 ng

RT: 12.658 min Scan# 1714

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

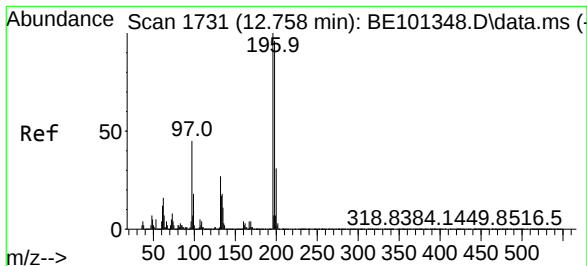
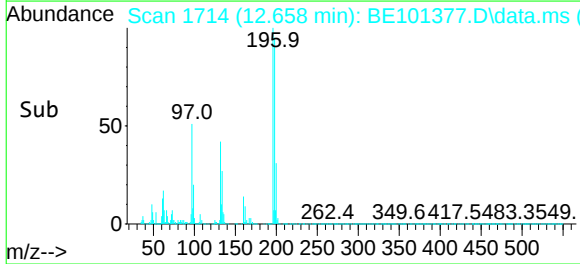
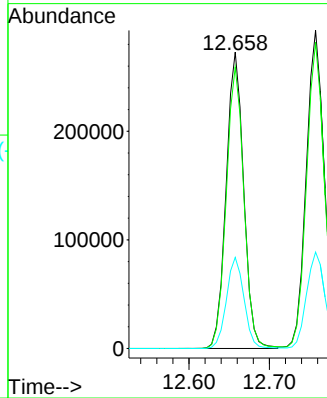
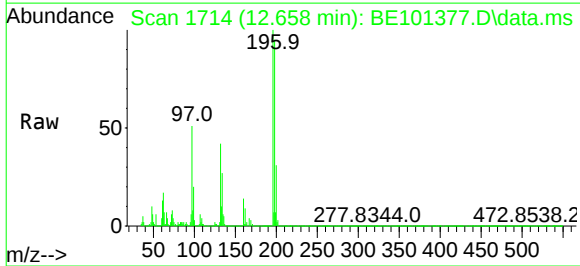
Tgt	Ion:196	Resp:	412841
Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.8	115.2
200	30.7	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 40.899 ng

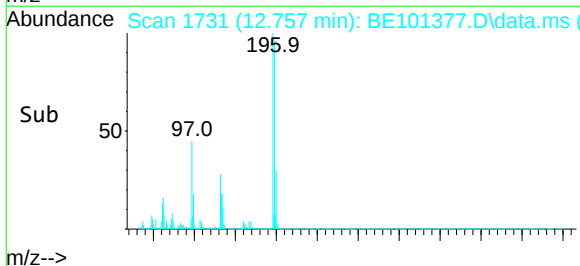
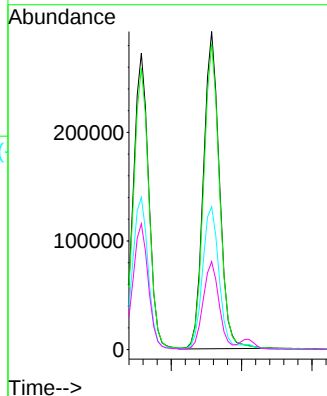
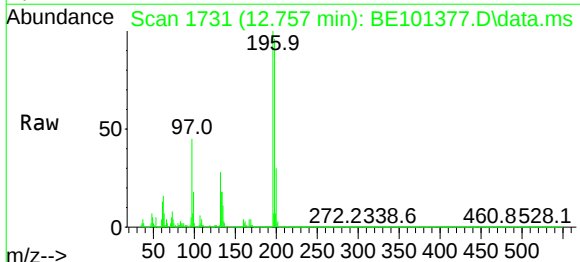
RT: 12.757 min Scan# 1731

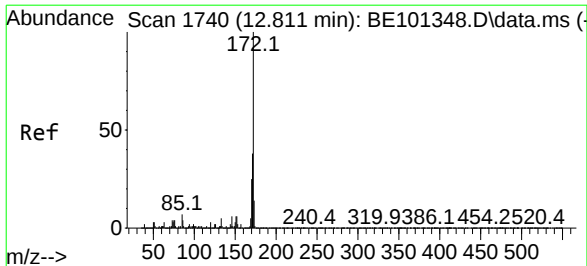
Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Tgt	Ion:196	Resp:	461396
Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.9	115.3
97	44.9	36.2	54.2
132	27.6	22.0	33.0





#45

2-Fluorobiphenyl

Concen: 80.278 ng

RT: 12.810 min Scan# 1740

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

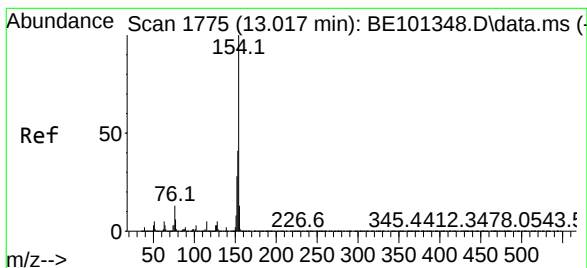
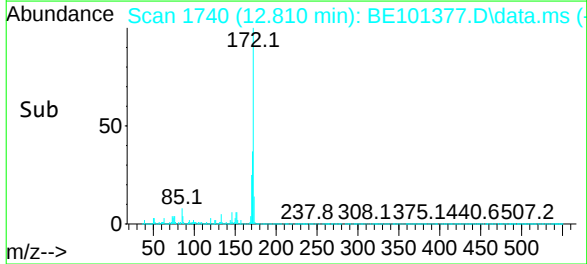
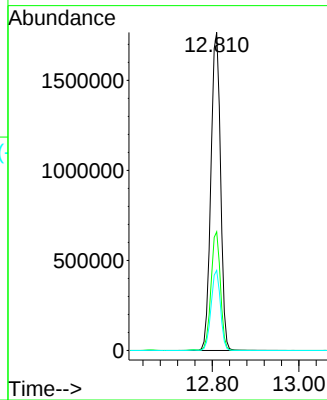
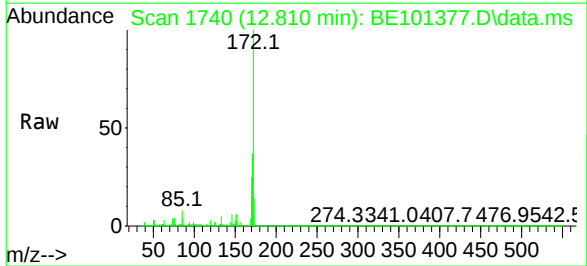
Tgt Ion:	172	Resp:	2722645
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.2	45.2
170	25.2	20.2	30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 39.775 ng

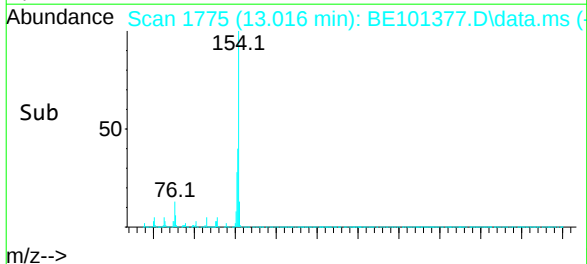
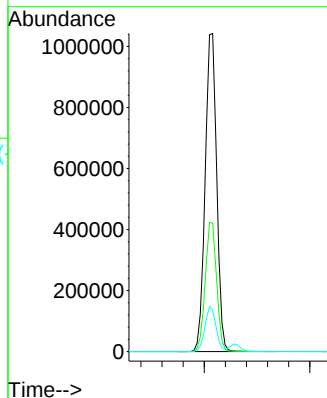
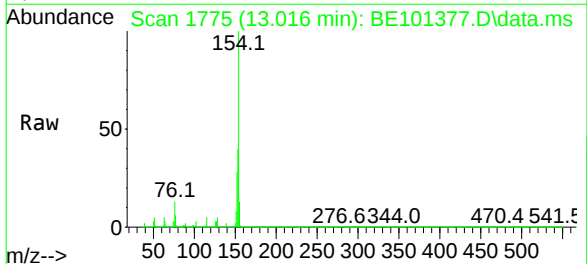
RT: 13.016 min Scan# 1775

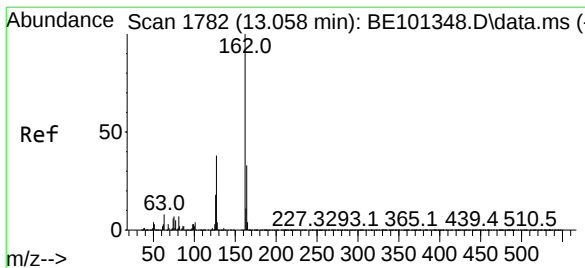
Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

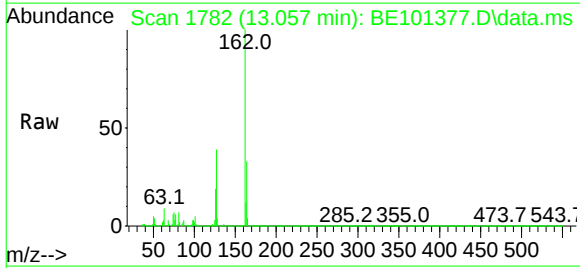
Tgt Ion:	154	Resp:	1579661
Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	12.9	0.0	33.4





#47
2-Chloronaphthalene
Concen: 40.214 ng
RT: 13.057 min Scan# 1782
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

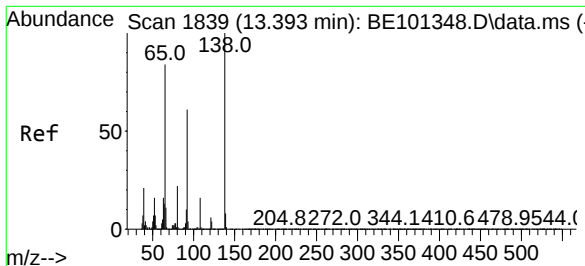
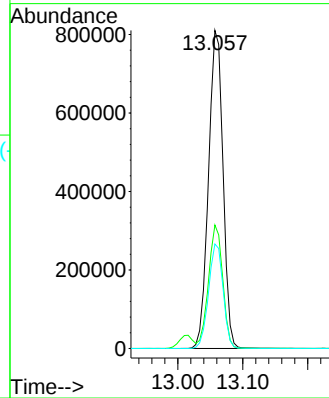
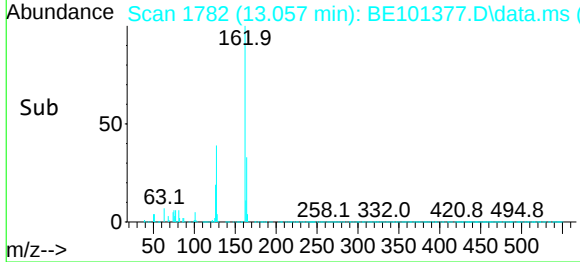
Instrument : BNA_E
ClientSampleId : SSTDCCC040EC



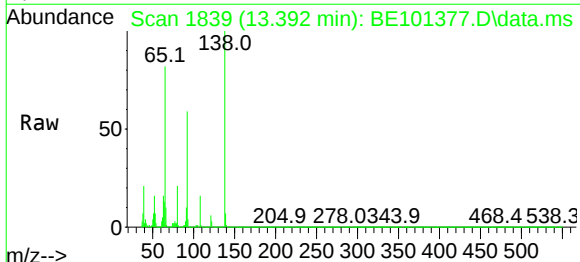
Tgt Ion: 162 Resp: 1256345
Ion Ratio Lower Upper
162 100
127 38.8 31.2 46.8
164 32.9 26.2 39.2

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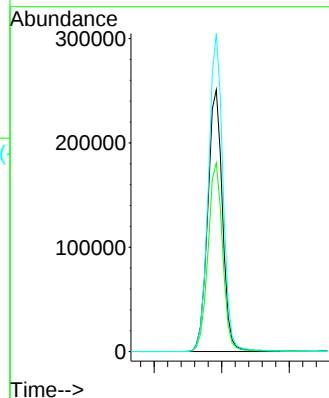
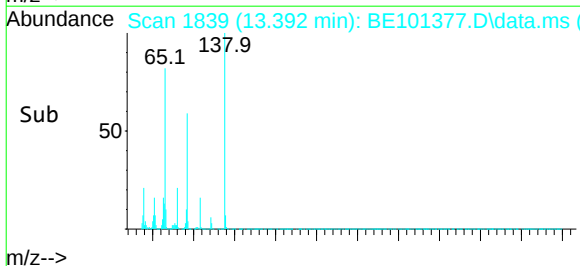
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

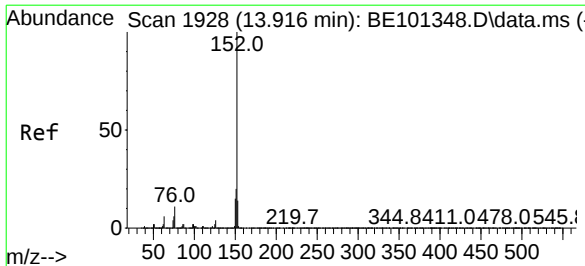


#48
2-Nitroaniline
Concen: 45.257 ng
RT: 13.392 min Scan# 1839
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39



Tgt Ion: 65 Resp: 380408
Ion Ratio Lower Upper
65 100
92 72.1 58.3 87.5
138 121.5 95.0 142.4





#49

Acenaphthylene

Concen: 40.810 ng

RT: 13.915 min Scan# 1928

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:152 Resp: 1902424

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

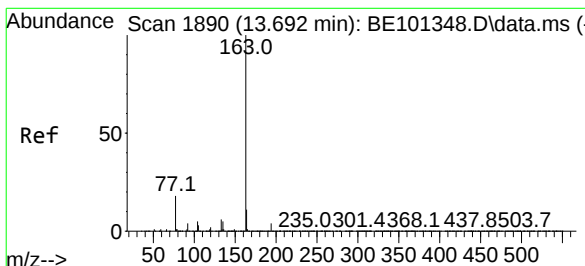
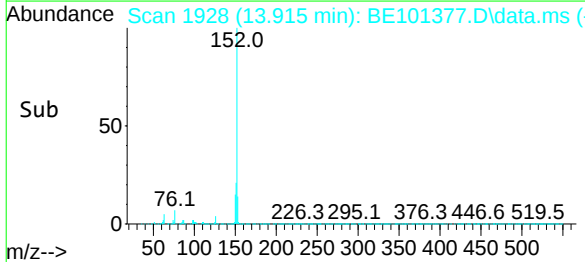
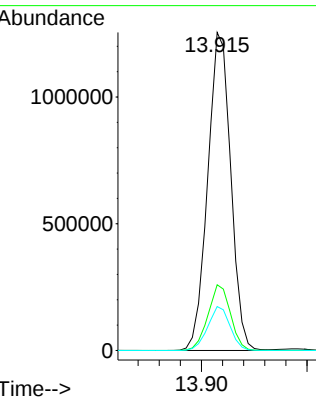
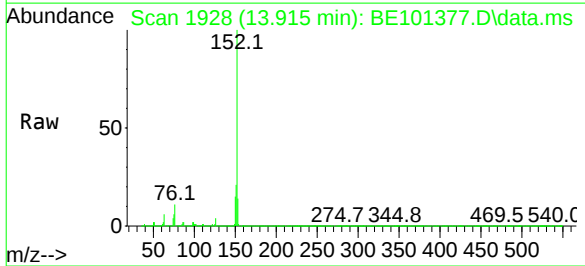
153 13.8 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

Concen: 39.785 ng

RT: 13.692 min Scan# 1890

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

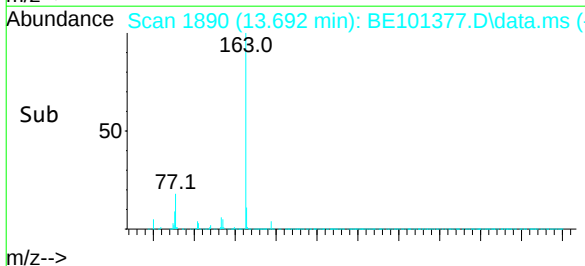
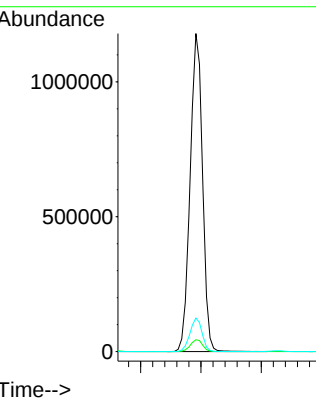
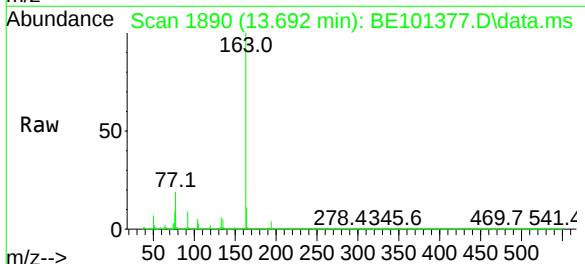
Tgt Ion:163 Resp: 1682505

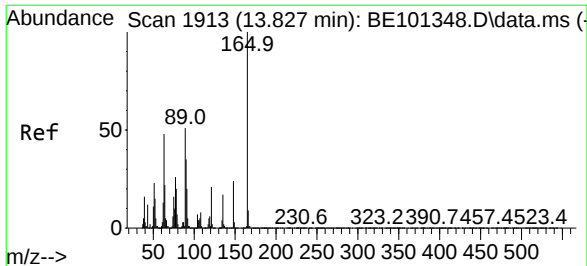
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

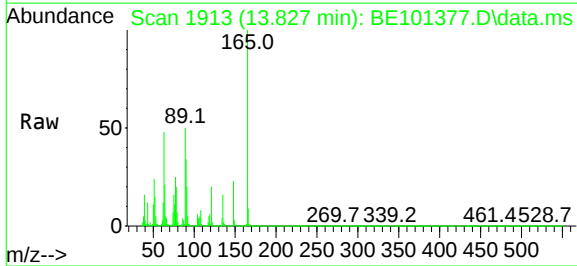
164 10.6 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 41.810 ng
RT: 13.827 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

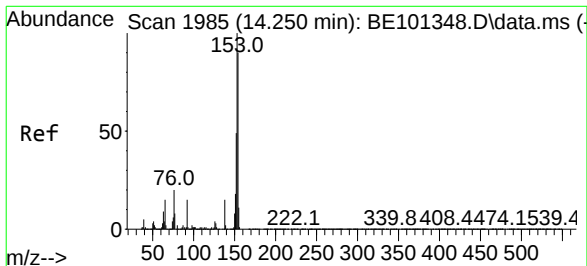
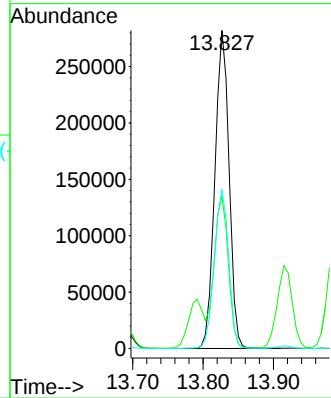
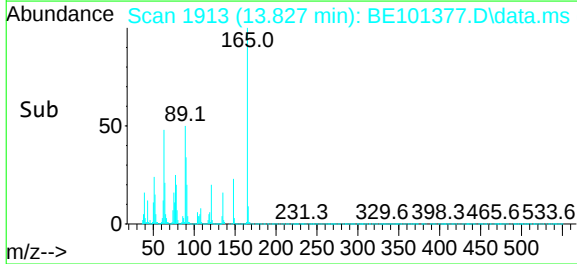
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



Tgt Ion:	165	Resp:	395699
Ion Ratio	Lower	Upper	
165	100		
63	47.9	38.5	57.7
89	49.8	40.5	60.7

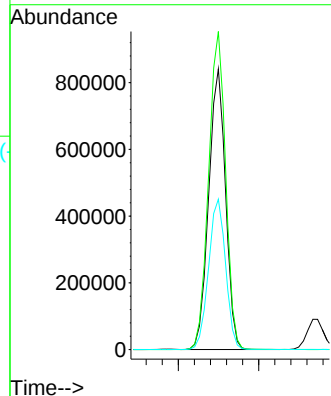
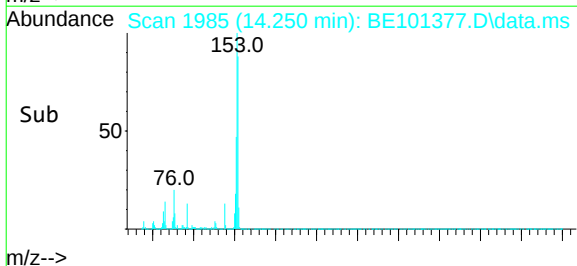
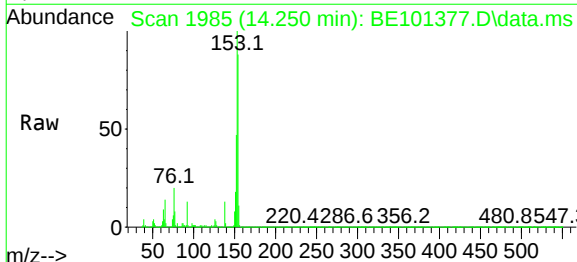
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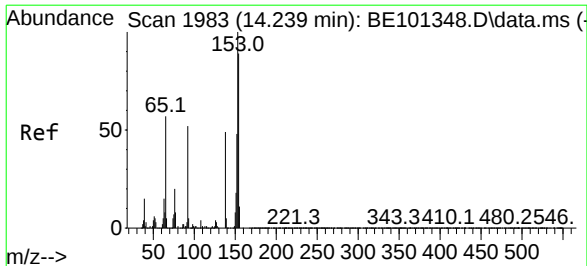
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 39.796 ng
RT: 14.250 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

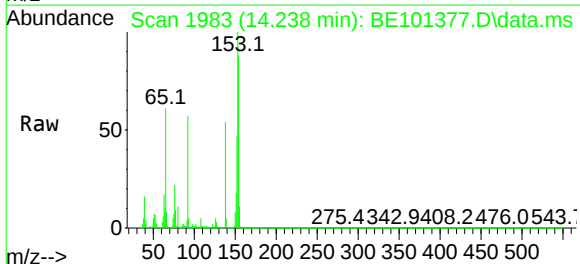
Tgt Ion:	154	Resp:	1222900
Ion Ratio	Lower	Upper	
154	100		
153	113.3	88.8	133.2
152	53.6	43.2	64.8





#53
3-Nitroaniline
Concen: 44.228 ng
RT: 14.238 min Scan# 1983
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

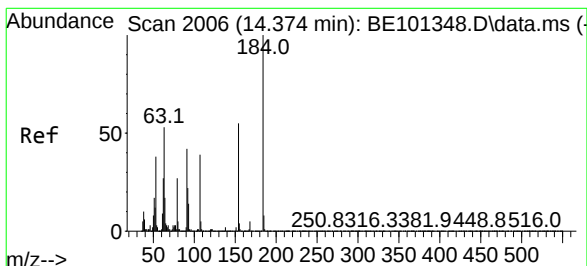
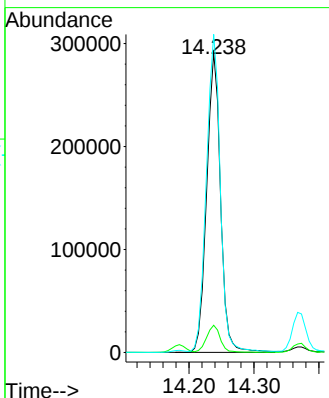
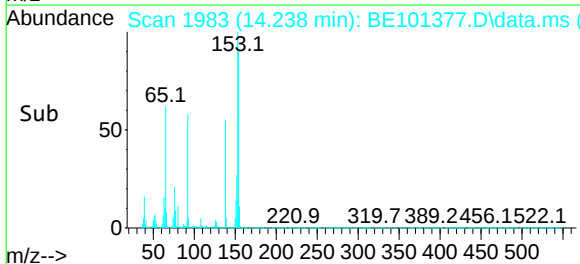
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



Tgt Ion:138 Resp: 430587
Ion Ratio Lower Upper
138 100
108 9.1 7.2 10.8
92 106.1 85.7 128.5

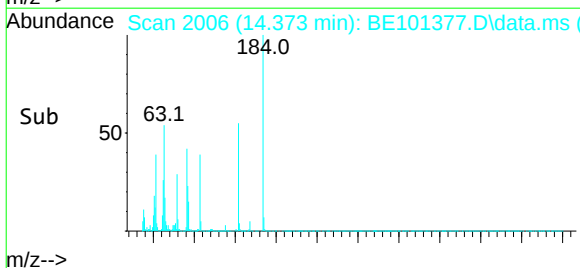
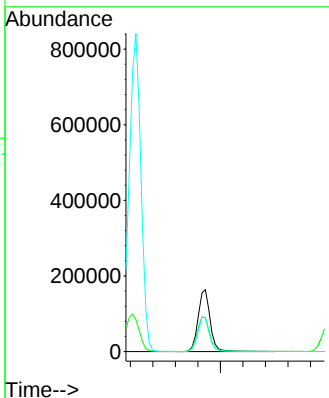
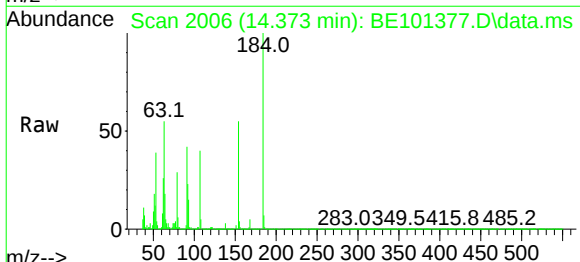
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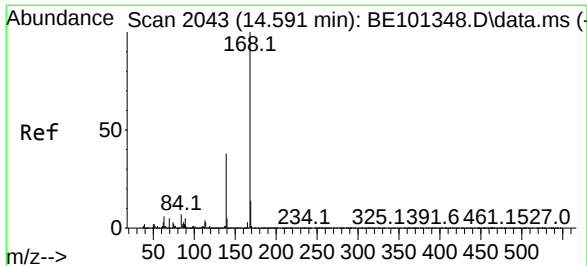
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 43.157 ng
RT: 14.373 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion:184 Resp: 243143
Ion Ratio Lower Upper
184 100
63 54.7 42.5 63.7
154 55.4 44.2 66.2





#55

Dibenzenofuran

Concen: 40.004 ng

RT: 14.591 min Scan# 2043

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

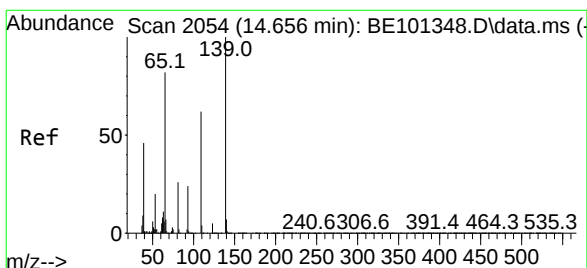
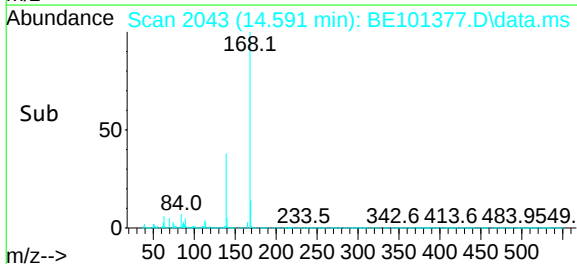
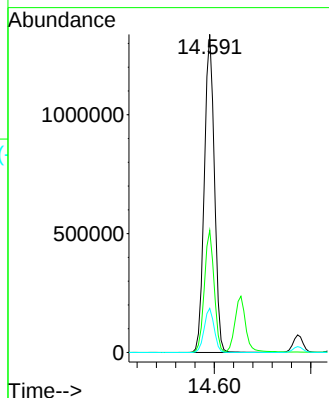
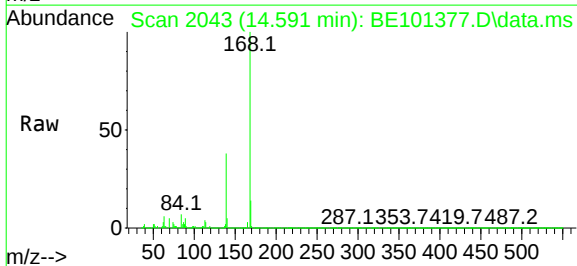
Tgt Ion:	168	Resp:	1941733
Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.5	45.7
169	13.9	11.4	17.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#56

4-Nitrophenol

Concen: 45.000 ng

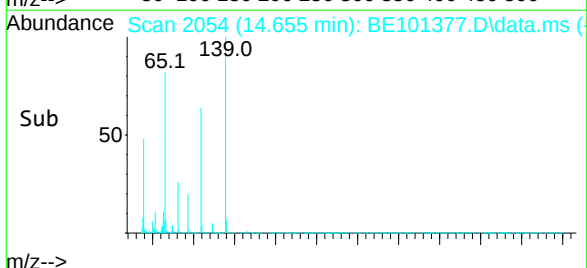
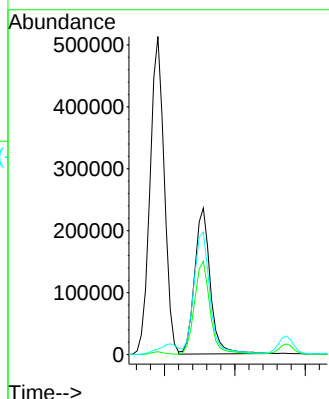
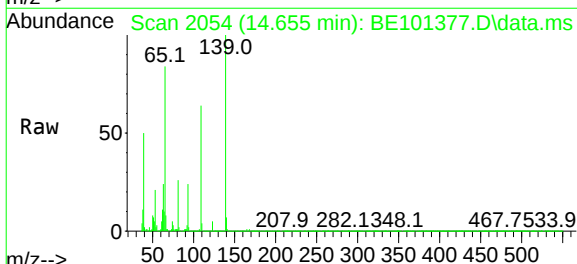
RT: 14.655 min Scan# 2054

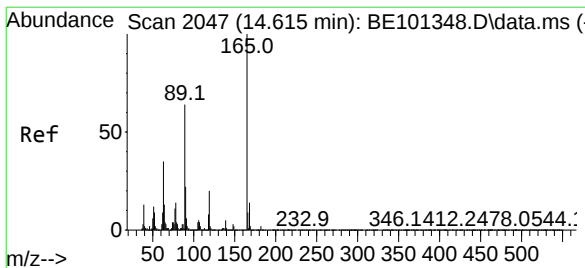
Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

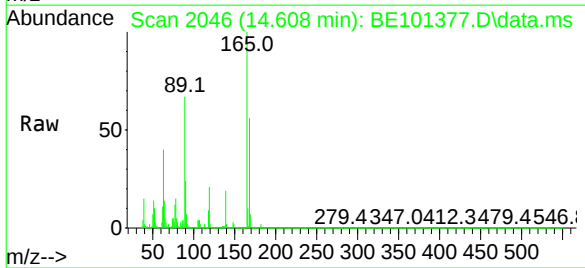
Tgt Ion:	139	Resp:	364217
Ion	Ratio	Lower	Upper
139	100		
109	63.6	41.9	81.9
65	83.6	63.0	103.0





#57
2,4-Dinitrotoluene
Concen: 43.692 ng
RT: 14.608 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

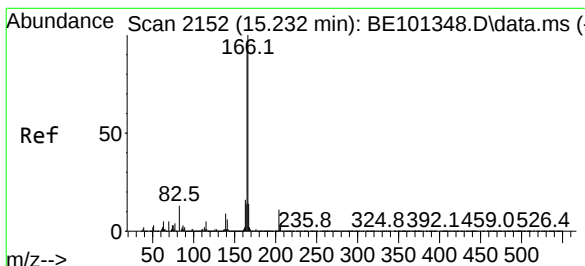
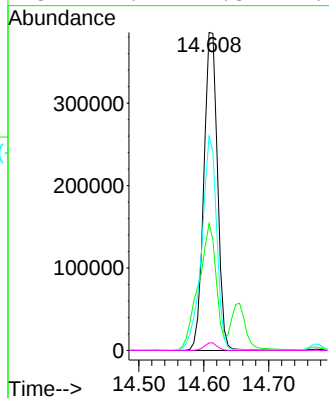
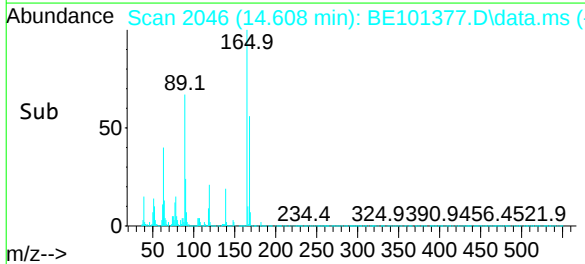
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



Tgt Ion:165 Resp: 562928
Ion Ratio Lower Upper
165 100
63 39.9 28.4 42.6
89 67.3 51.0 76.4
182 2.4 1.8 2.8

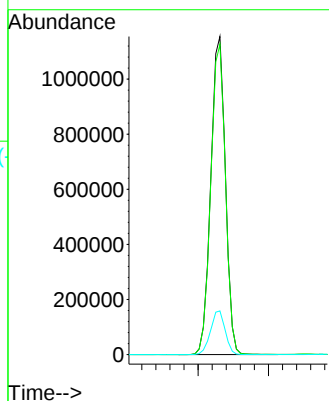
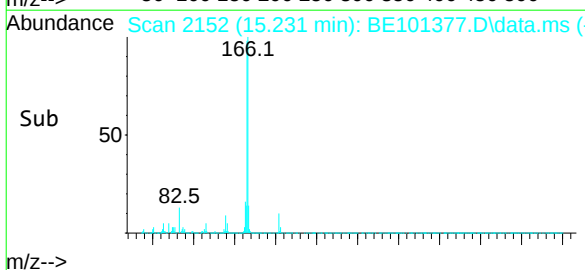
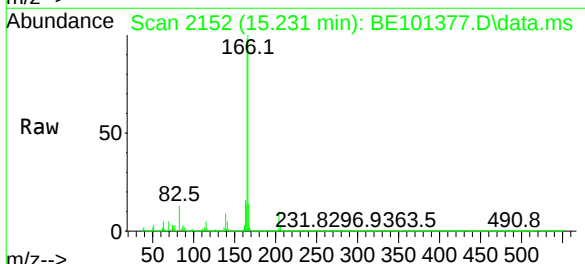
Manual Integrations
APPROVED

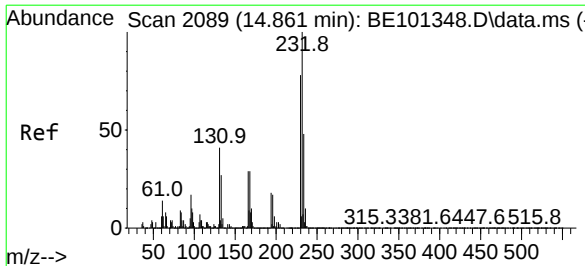
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 40.644 ng
RT: 15.231 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

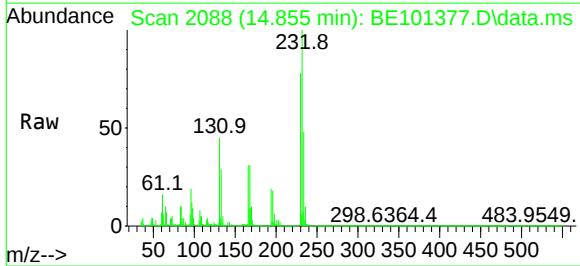
Tgt Ion:166 Resp: 1662243
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.7 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.966 ng
RT: 14.855 min Scan# 2089
Delta R.T. -0.007 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

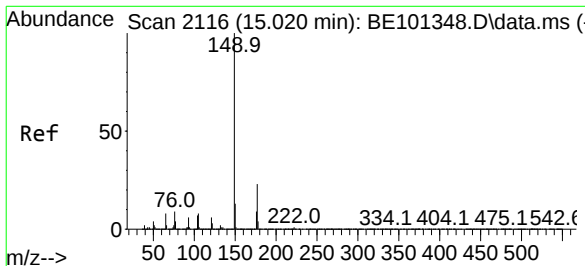
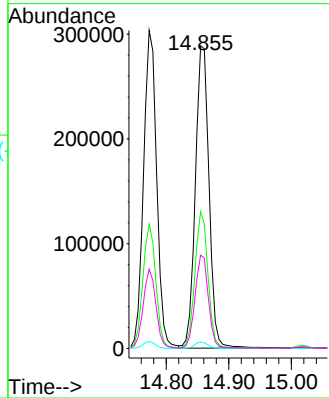
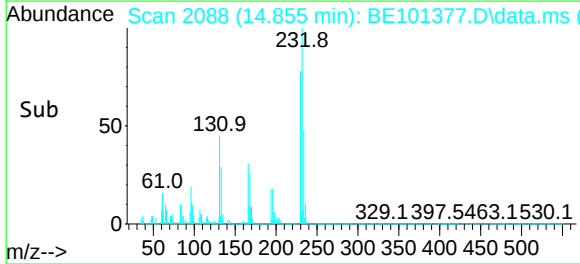
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



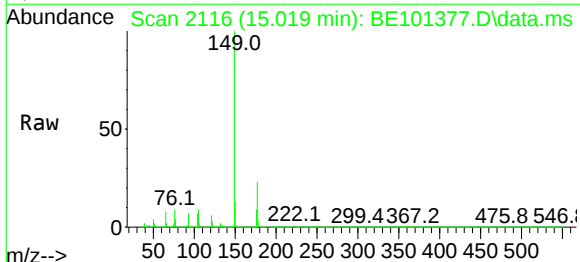
Tgt Ion: 232 Resp: 437051
Ion Ratio Lower Upper
232 100
131 43.0 34.2 51.4
130 2.1 1.8 2.6
166 30.1 23.6 35.4

Manual Integrations
APPROVED

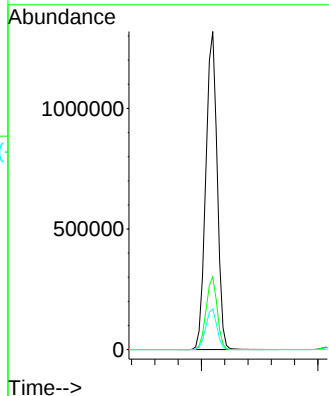
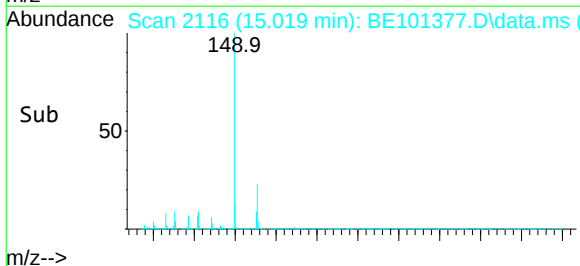
Reviewed By : Yogesh Patel 09/21/2024
Supervised By : mohammad ahmed 09/22/2024

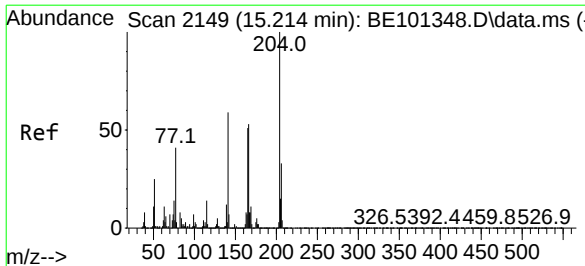


#60
Diethylphthalate
Concen: 40.677 ng
RT: 15.019 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39



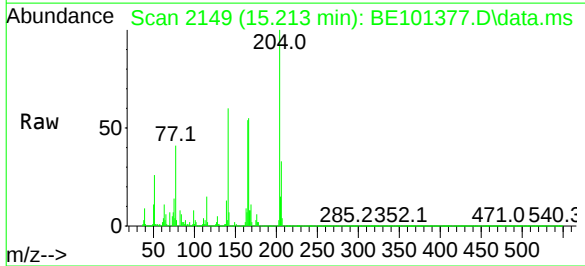
Tgt Ion: 149 Resp: 1784754
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.279 ng
RT: 15.213 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

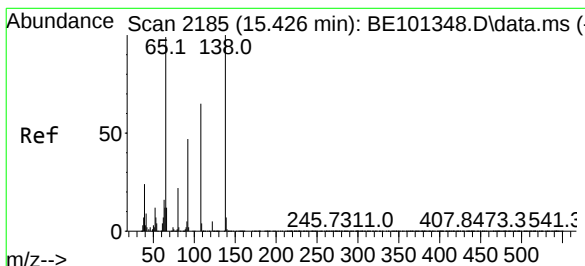
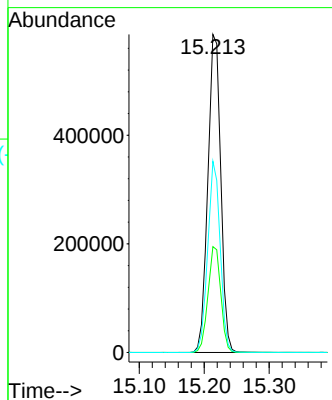
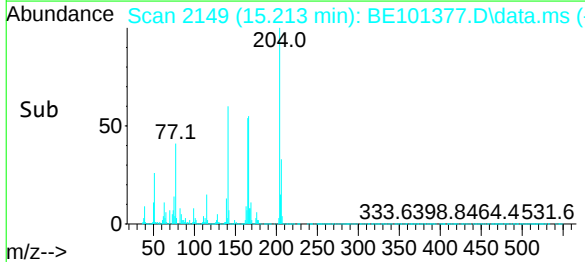
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



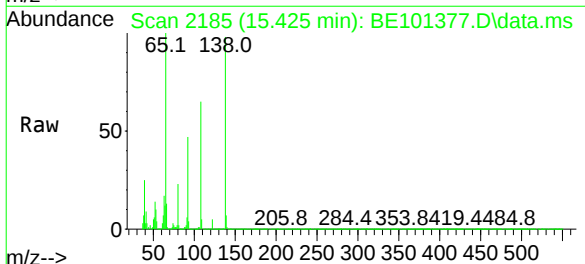
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	60.1	47.2	70.8

Manual Integrations
APPROVED

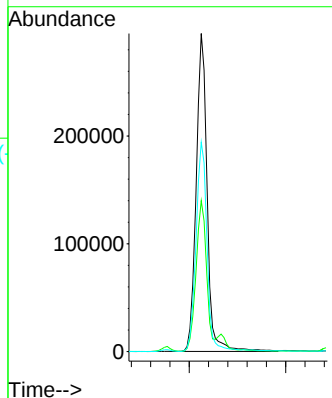
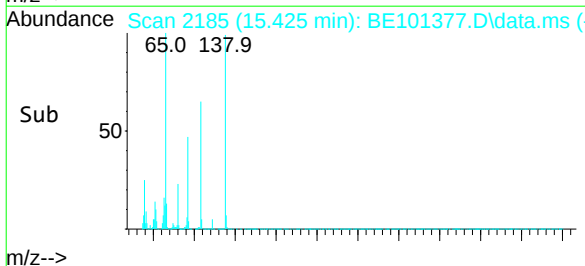
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

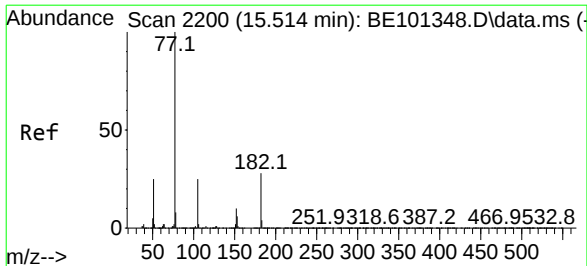


#62
4-Nitroaniline
Concen: 45.996 ng
RT: 15.425 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39



Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	26.8	66.8
108	65.8	44.7	84.7





#63

Azobenzene

Concen: 41.377 ng

RT: 15.513 min Scan# 2200

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1551377

Ion Ratio Lower Upper

77 100

182 26.9 7.8 47.8

105 23.2 4.3 44.3

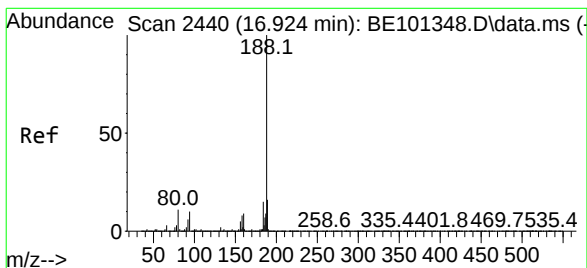
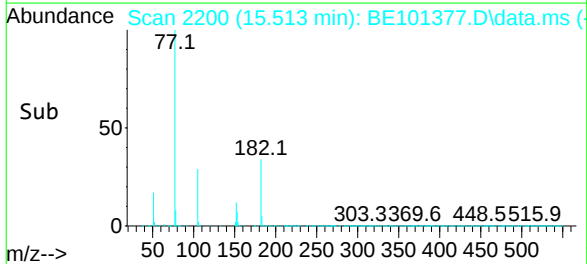
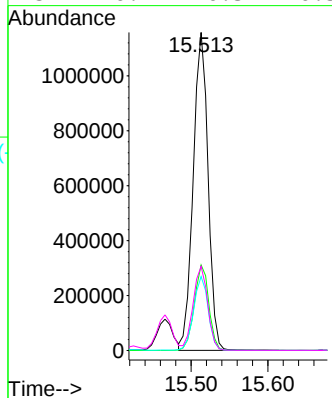
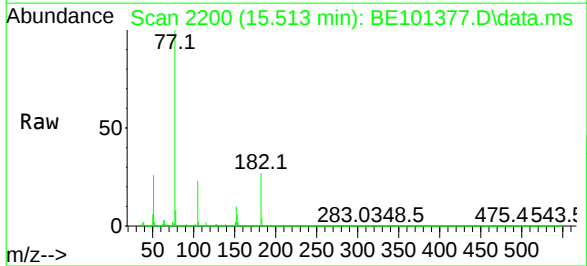
51 26.4 6.3 46.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.923 min Scan# 2440

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

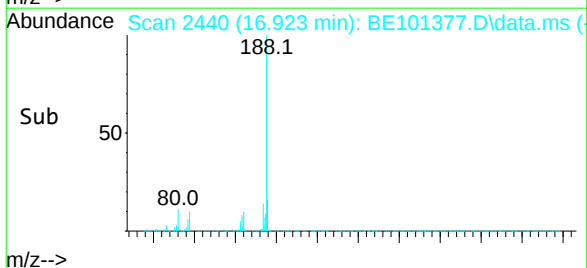
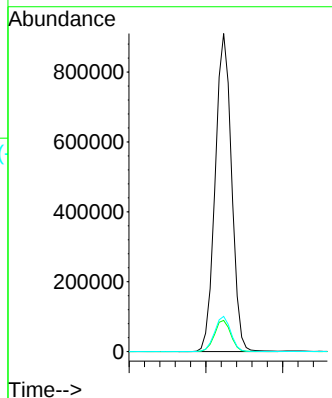
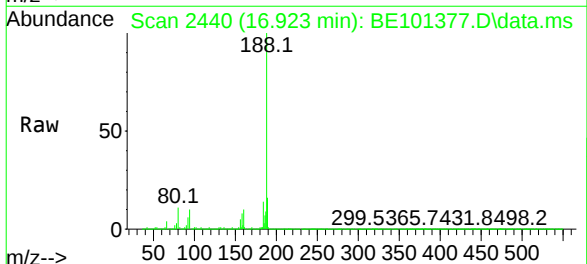
Tgt Ion:188 Resp: 1346037

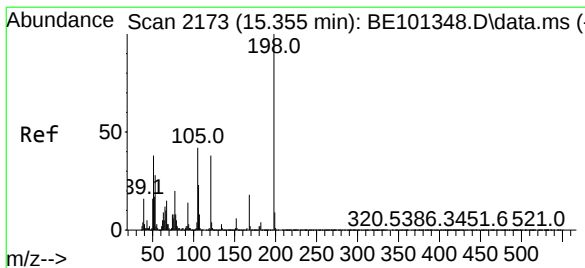
Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 11.1 8.6 13.0





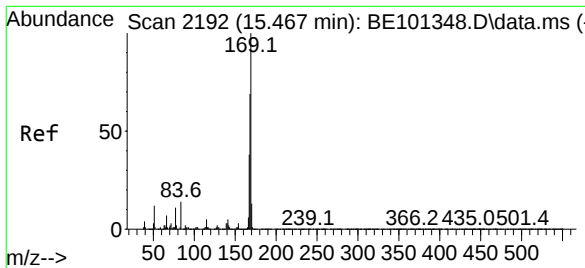
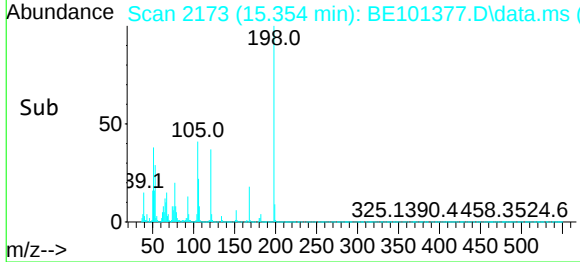
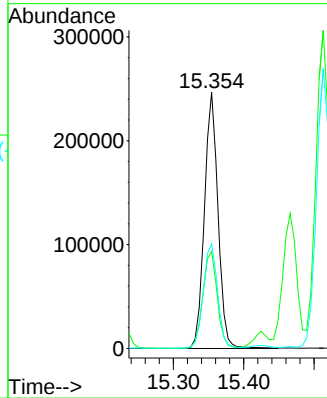
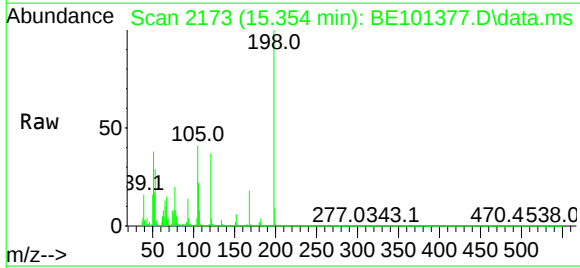
#65
4,6-Dinitro-2-methylphenol
Concen: 43.297 ng
RT: 15.354 min Scan# 2173
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument : BNA_E
ClientSampleId : SSTDCCC040EC

Tgt Ion: 198 Resp: 330929
Ion Ratio Lower Upper
198 100
51 37.8 18.1 58.1
105 40.8 22.0 62.0

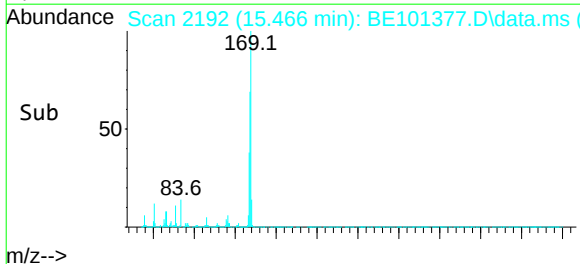
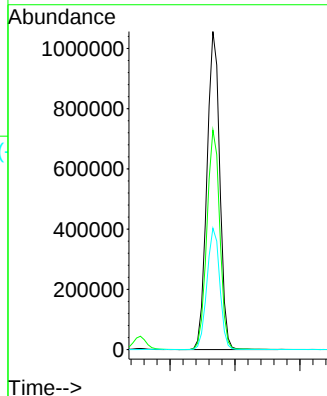
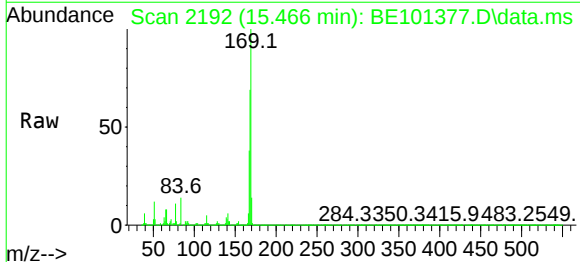
Manual Integrations
APPROVED

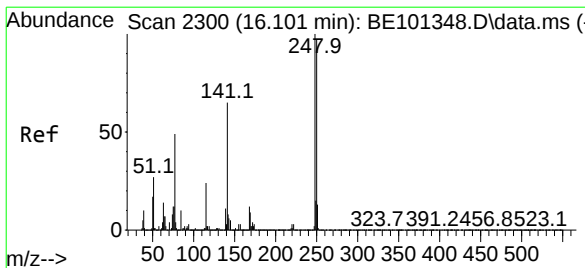
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 40.483 ng
RT: 15.466 min Scan# 2192
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion: 169 Resp: 1452468
Ion Ratio Lower Upper
169 100
168 69.0 55.1 82.7
167 38.2 30.5 45.7





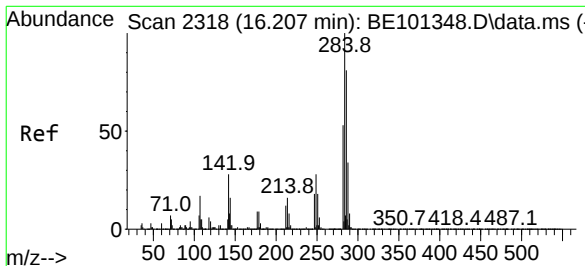
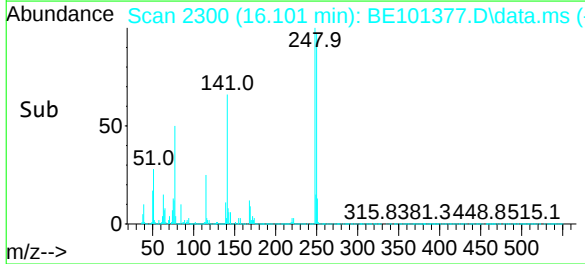
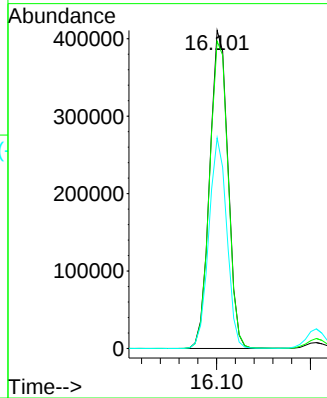
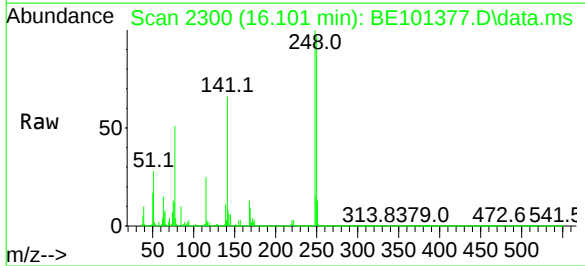
#67
4-Bromophenyl-phenylether
Concen: 39.721 ng
RT: 16.101 min Scan# 2300
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 248 Resp: 555434
Ion Ratio Lower Upper
248 100
250 96.6 77.7 116.5
141 66.2 51.8 77.8

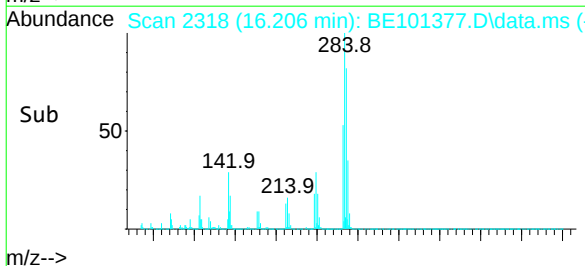
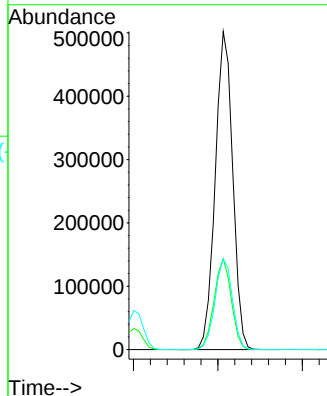
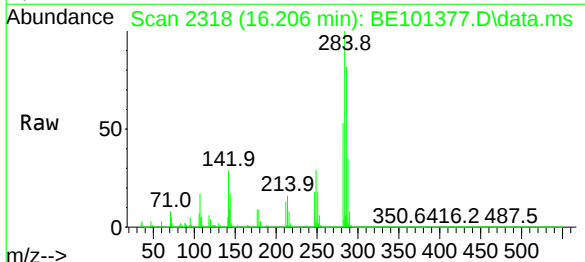
Manual Integrations
APPROVED

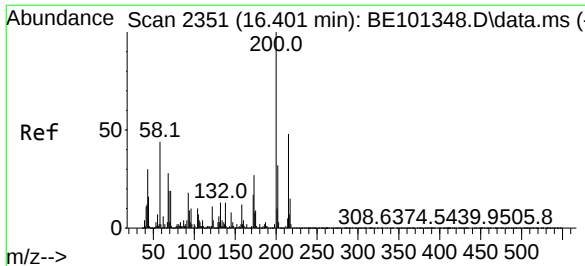
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 39.848 ng
RT: 16.206 min Scan# 2318
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

Tgt Ion: 284 Resp: 720138
Ion Ratio Lower Upper
284 100
142 28.6 22.1 33.1
249 28.5 22.7 34.1





#69

Atrazine

Concen: 34.694 ng

RT: 16.400 min Scan# 2351

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

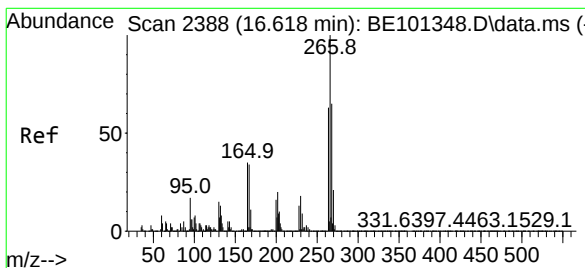
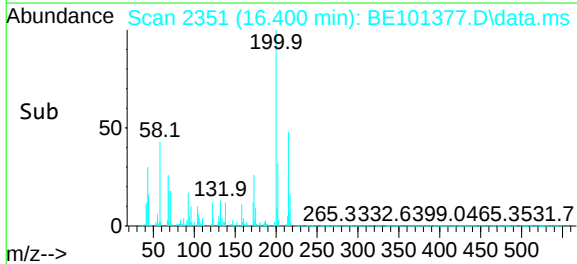
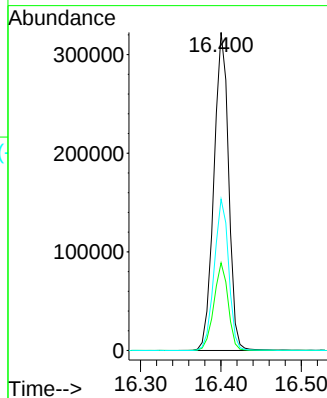
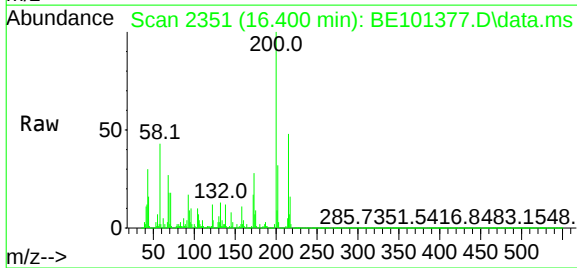
Tgt	Ion:200	Resp:	411047
Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.9	46.9
215	47.6	27.8	67.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 43.662 ng

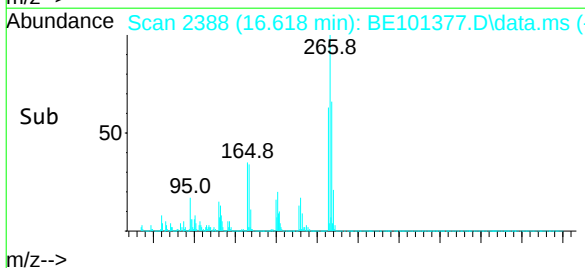
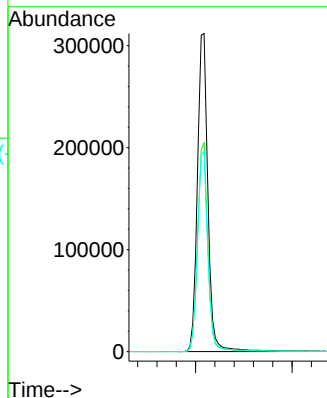
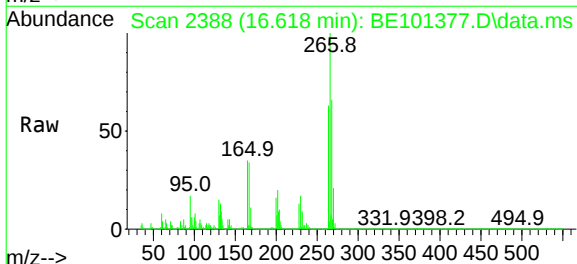
RT: 16.618 min Scan# 2388

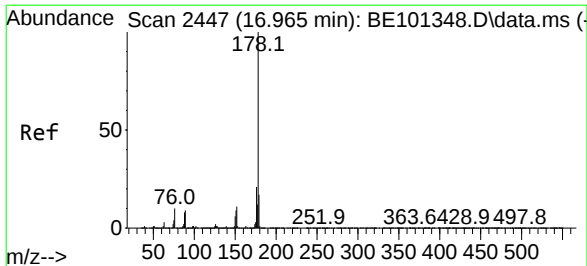
Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

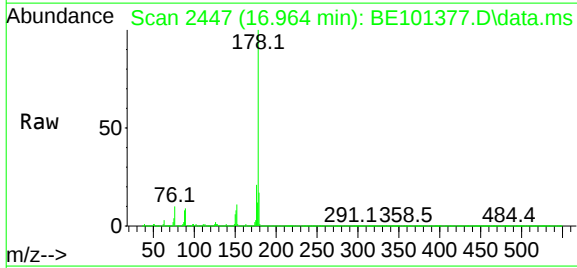
Tgt	Ion:266	Resp:	471451
Ion	Ratio	Lower	Upper
266	100		
268	65.6	52.2	78.4
264	63.0	50.5	75.7





#71
Phenanthrene
Concen: 40.768 ng
RT: 16.964 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39

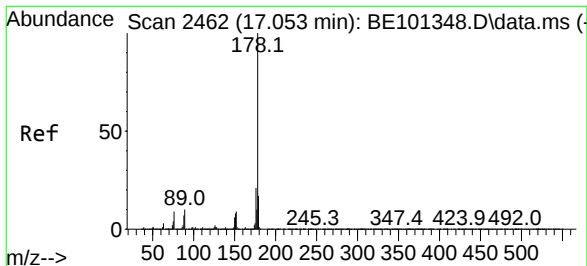
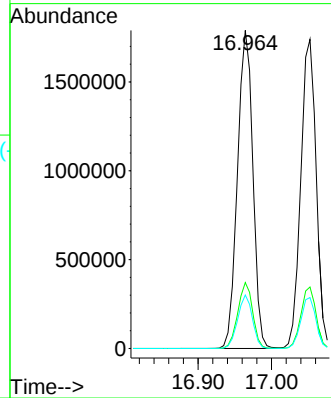
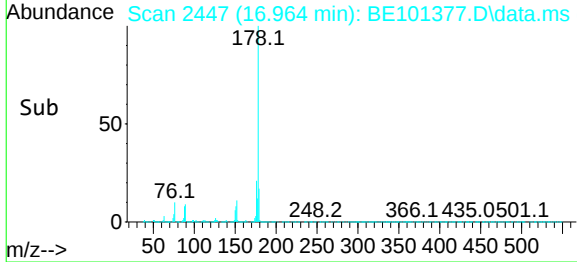
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC



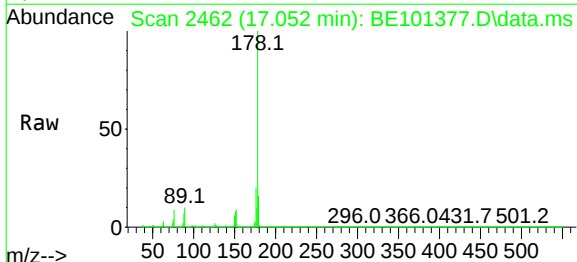
Tgt Ion:178 Resp: 2606228
Ion Ratio Lower Upper
178 100
176 20.7 16.8 25.2
179 16.8 13.3 19.9

Manual Integrations
APPROVED

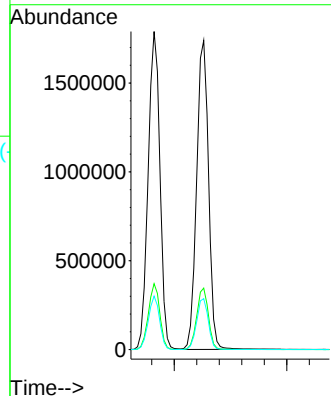
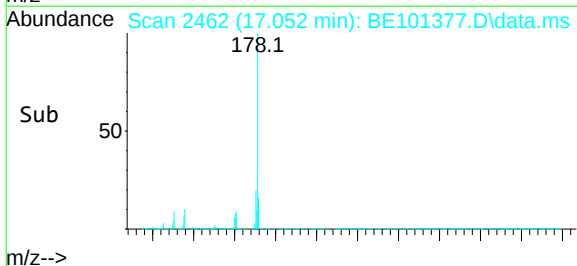
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

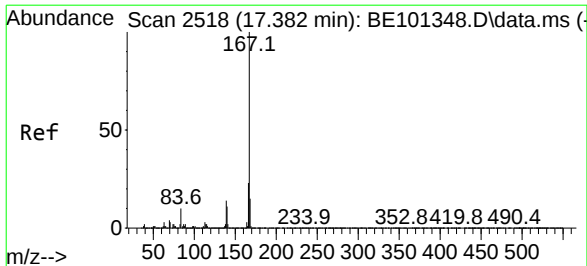


#72
Anthracene
Concen: 41.001 ng
RT: 17.052 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BE101377.D
Acq: 19 Sep 2024 14:39



Tgt Ion:178 Resp: 2550717
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 16.5 13.4 20.0





#73

Carbazole

Concen: 41.890 ng

RT: 17.381 min Scan# 2518

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:167 Resp: 2670568

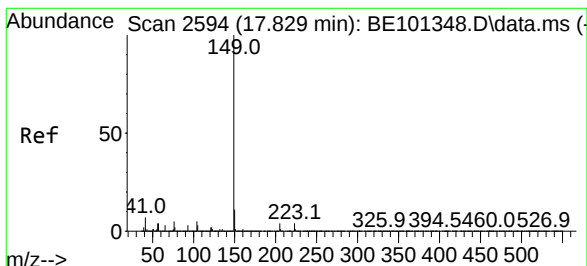
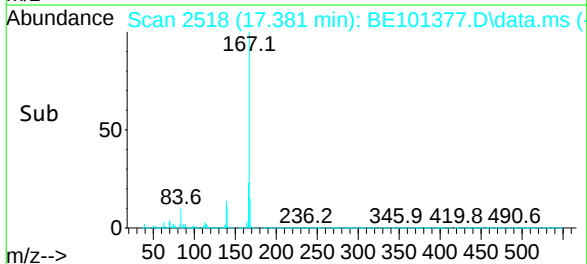
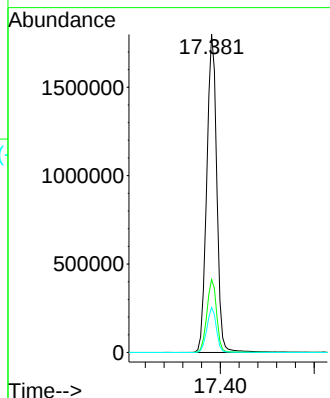
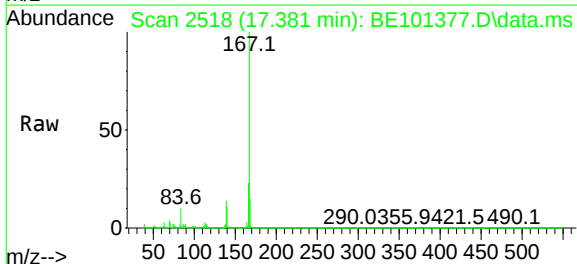
Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.4	27.6
139	14.2	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#74

Di-n-butylphthalate

Concen: 43.139 ng

RT: 17.828 min Scan# 2594

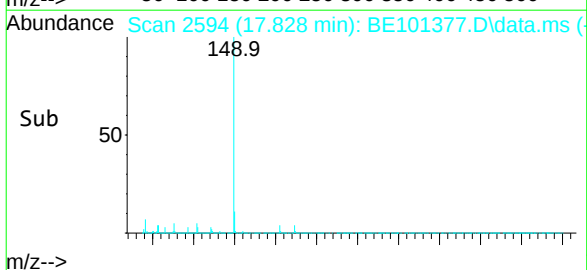
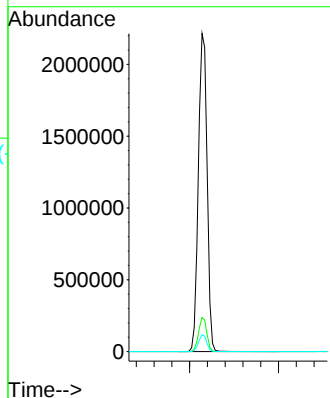
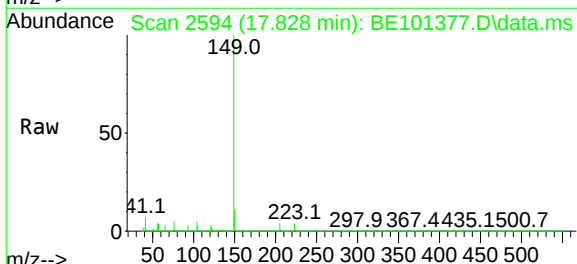
Delta R.T. -0.001 min

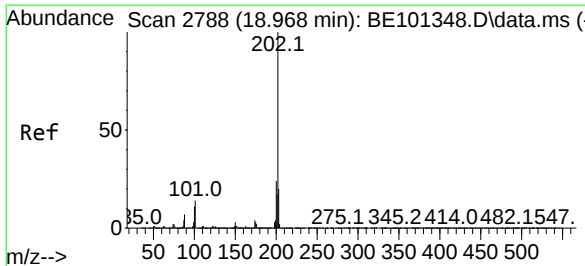
Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Tgt Ion:149 Resp: 3019725

Ion	Ratio	Lower	Upper
149	100		
150	10.7	9.0	13.6
104	5.3	4.4	6.6





#75

Fluoranthene

Concen: 41.390 ng

RT: 18.968 min Scan# 2788

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:202 Resp: 3185373

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.2

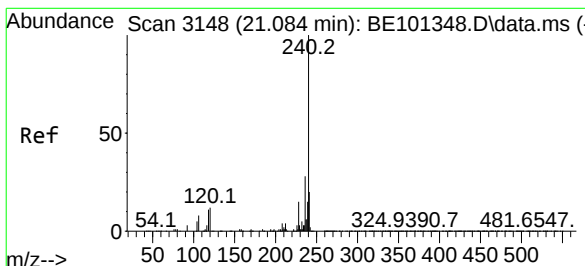
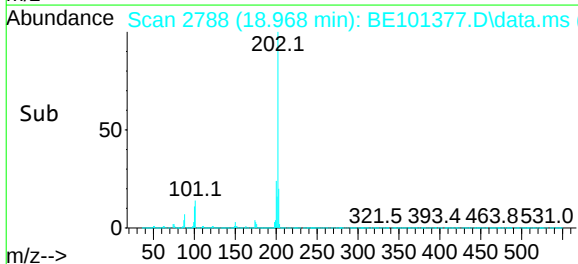
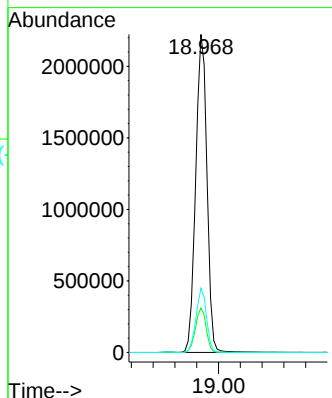
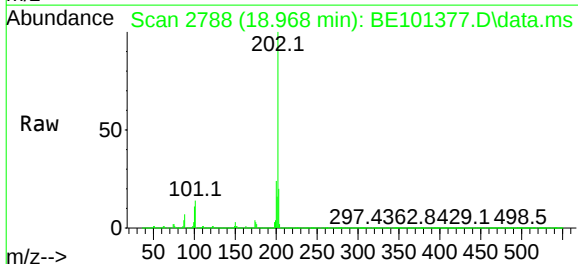
203 20.2 0.4 40.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.089 min Scan# 3149

Delta R.T. 0.005 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

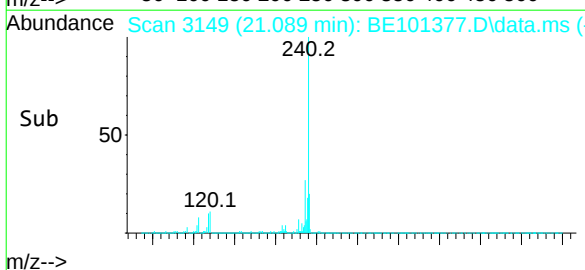
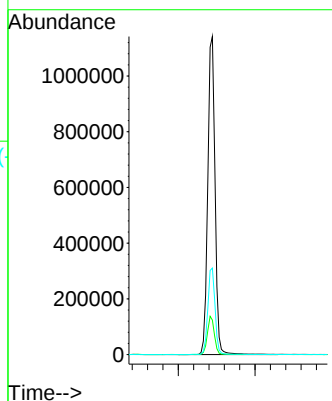
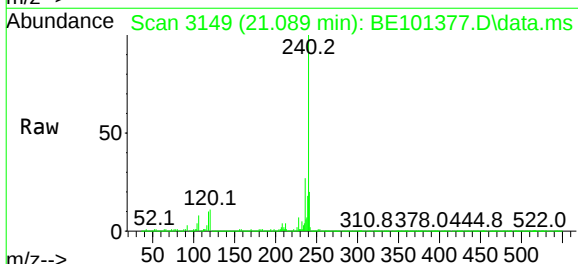
Tgt Ion:240 Resp: 1500690

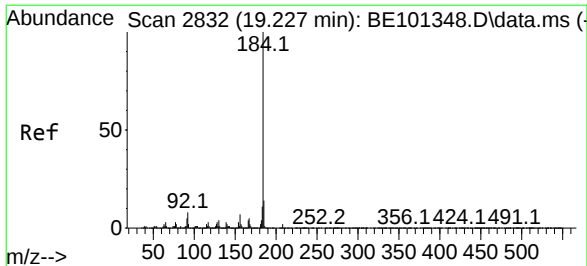
Ion Ratio Lower Upper

240 100

120 10.9 9.8 14.8

236 27.2 22.1 33.1





#77

Benzidine

Concen: 72.587 ng

RT: 19.232 min Scan# 2832

Delta R.T. 0.005 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:184 Resp: 1807870

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.2

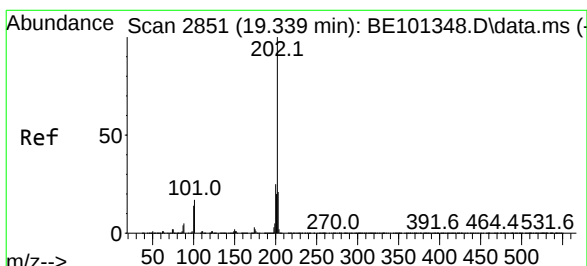
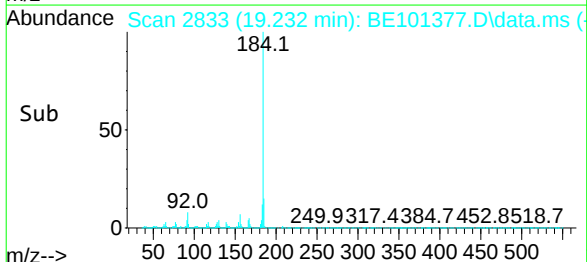
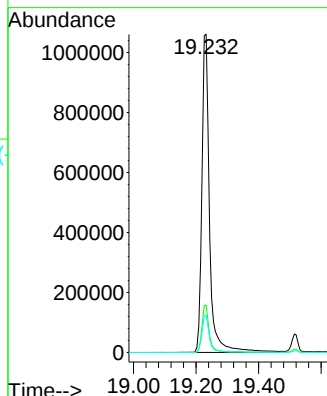
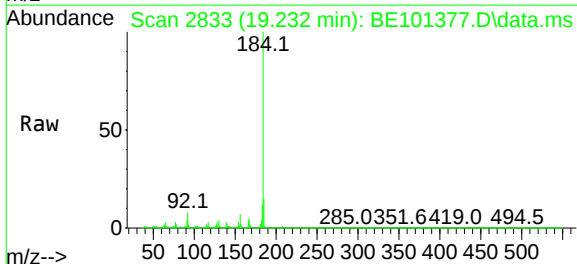
183 11.8 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 40.262 ng

RT: 19.338 min Scan# 2851

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

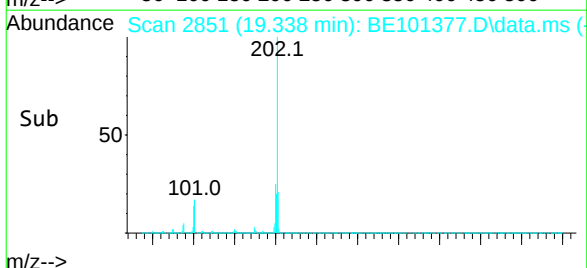
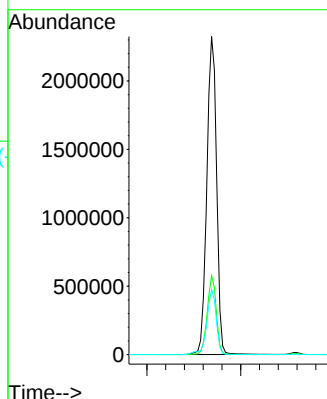
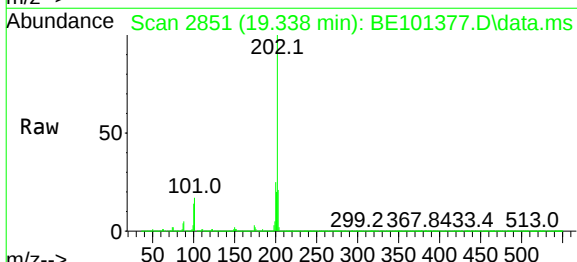
Tgt Ion:202 Resp: 3360403

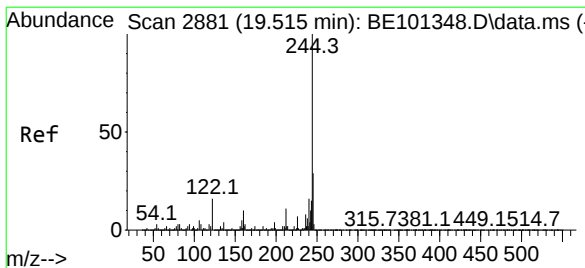
Ion Ratio Lower Upper

202 100

200 24.8 20.2 30.2

203 20.5 16.6 25.0





#79

Terphenyl-d14

Concen: 68.357 ng

RT: 19.520 min Scan# 2881

Delta R.T. 0.005 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:244 Resp: 4626408

Ion Ratio Lower Upper

244 100

212 10.1 8.5 12.7

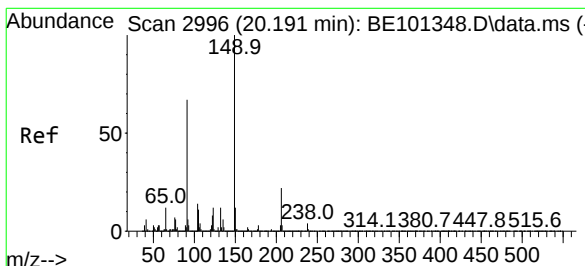
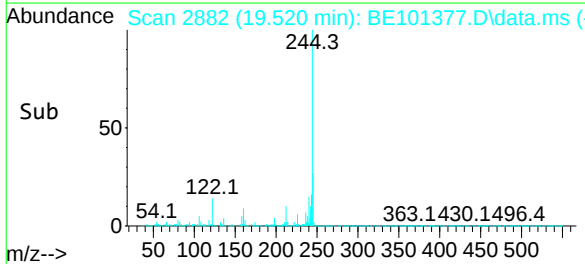
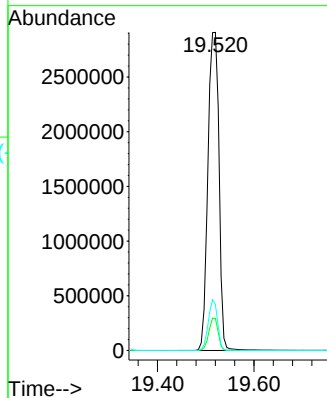
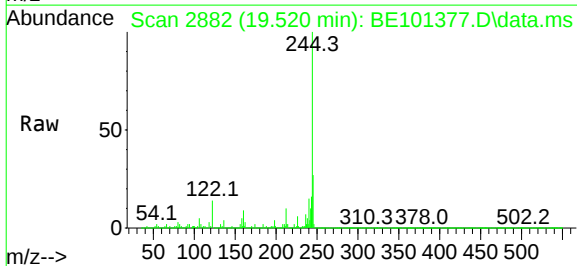
122 14.5 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 42.676 ng

RT: 20.190 min Scan# 2996

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

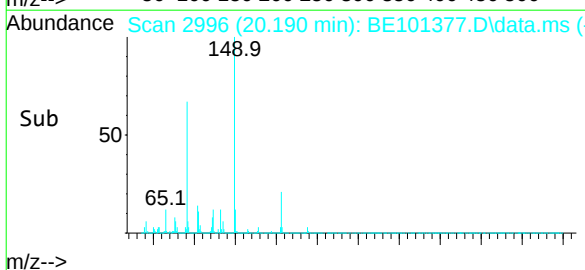
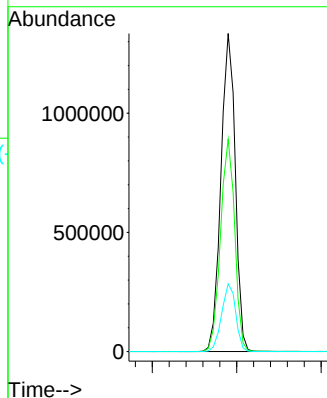
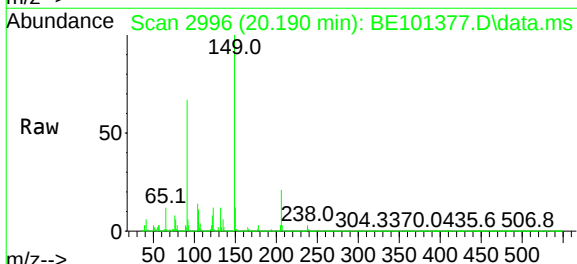
Tgt Ion:149 Resp: 1576731

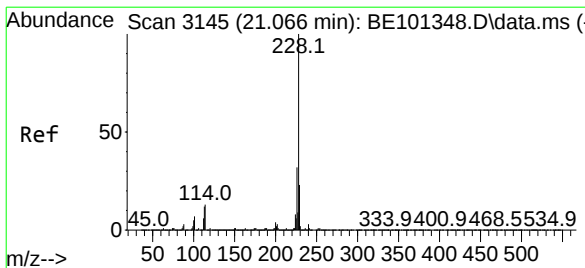
Ion Ratio Lower Upper

149 100

91 66.8 53.4 80.2

206 21.3 17.4 26.0





#81

Benzo(a)anthracene

Concen: 40.730 ng

RT: 21.065 min Scan# 3145

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 3432629

Ion Ratio Lower Upper

228 100

226 32.1 25.7 38.5

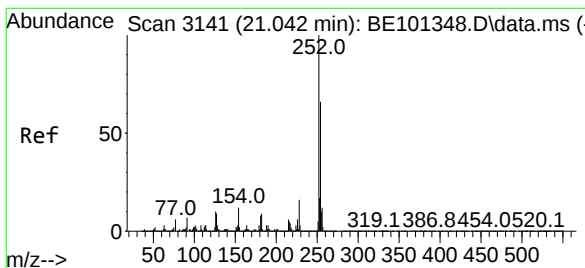
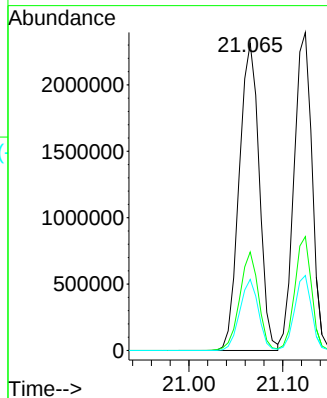
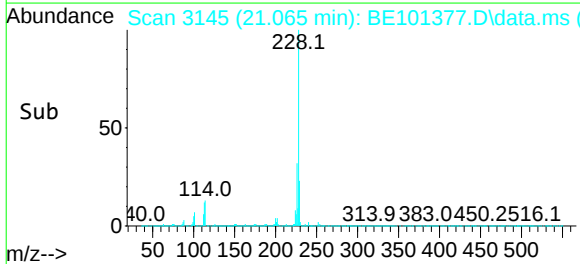
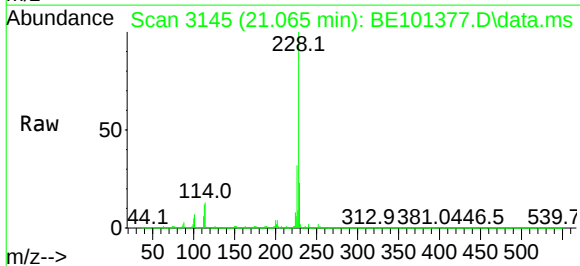
229 23.2 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 44.709 ng

RT: 21.042 min Scan# 3141

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

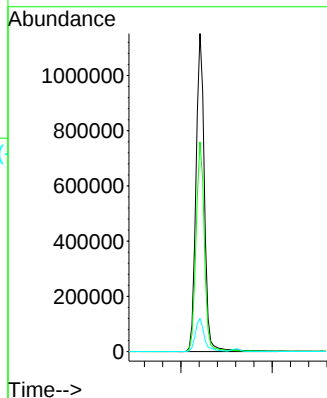
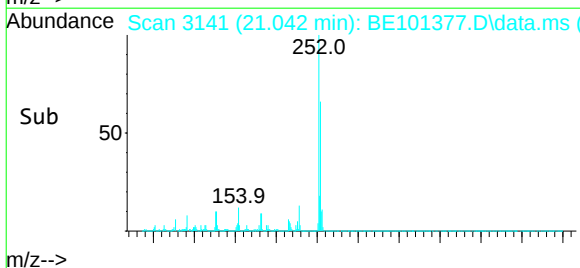
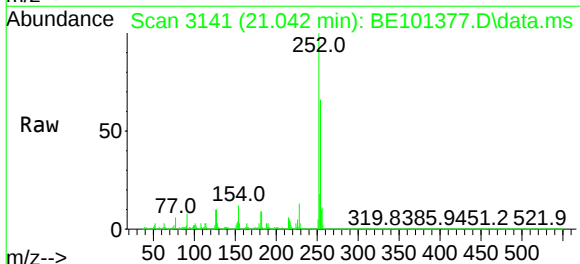
Tgt Ion:252 Resp: 1476382

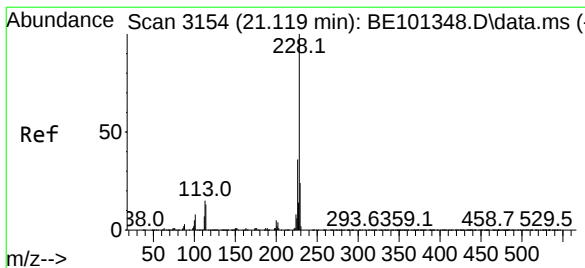
Ion Ratio Lower Upper

252 100

254 65.9 52.5 78.7

126 10.4 8.0 12.0





#83

Chrysene

Concen: 40.098 ng

RT: 21.124 min Scan# 3154

Delta R.T. 0.005 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 3246215

Ion Ratio Lower Upper

228 100

226 35.8 28.4 42.6

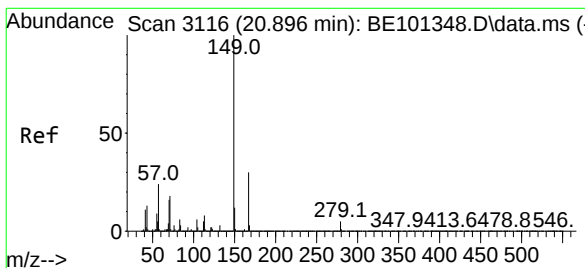
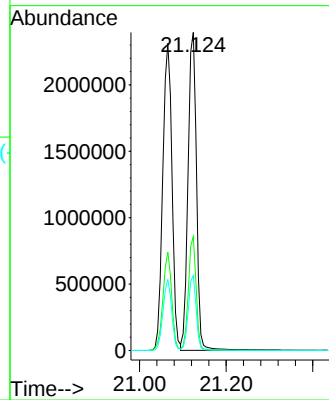
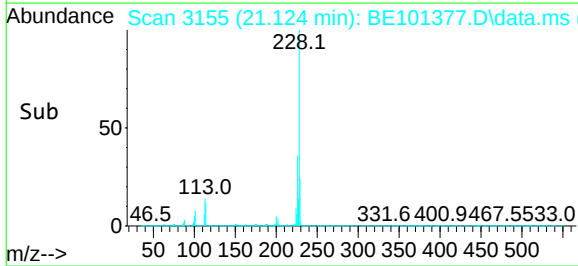
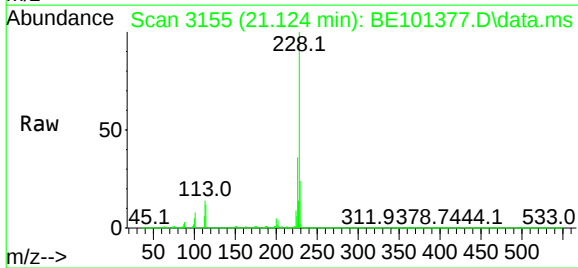
229 23.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.674 ng

RT: 20.895 min Scan# 3116

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

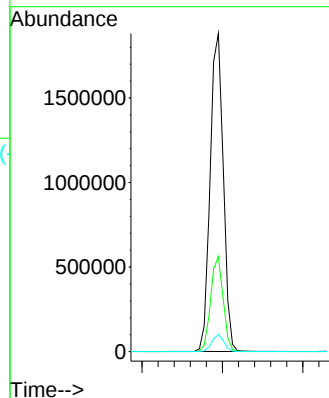
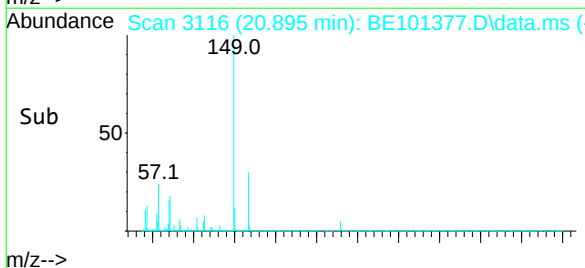
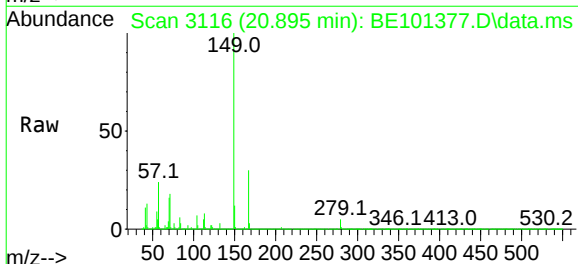
Tgt Ion:149 Resp: 2133939

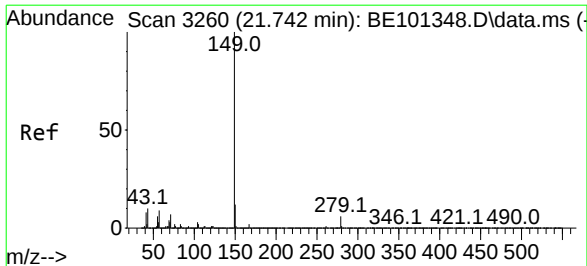
Ion Ratio Lower Upper

149 100

167 29.9 23.9 35.9

279 5.4 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 42.866 ng

RT: 21.741 min Scan# 32

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 3418921

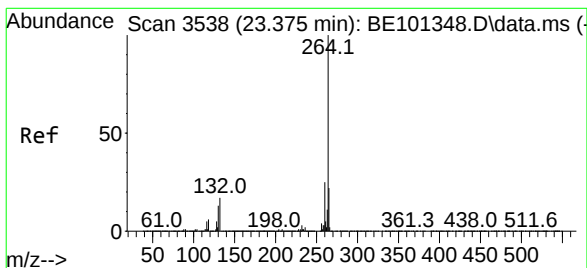
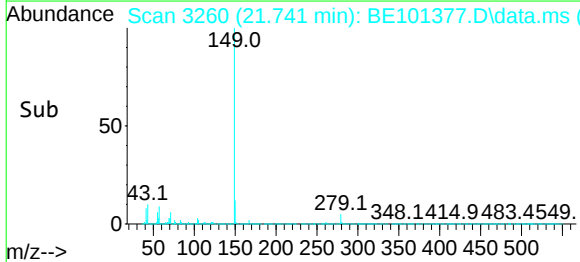
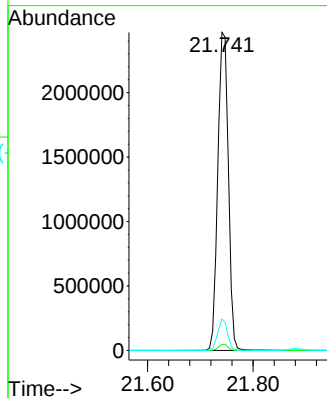
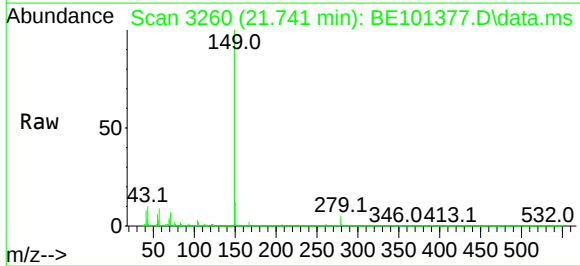
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.2	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.380 min Scan# 3539

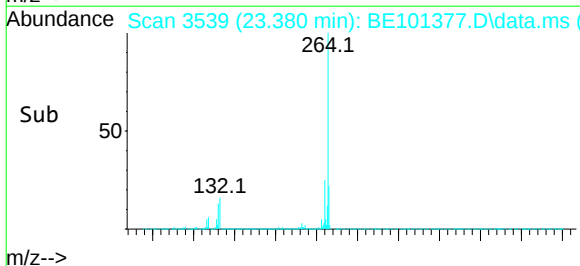
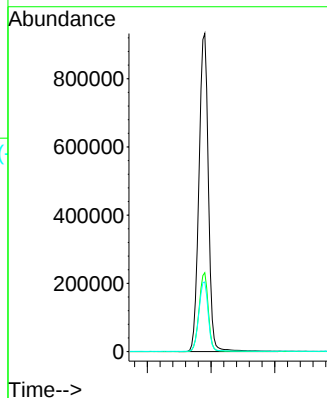
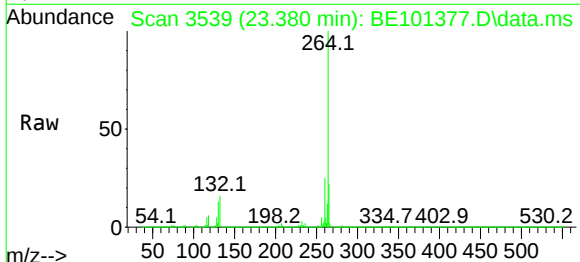
Delta R.T. 0.005 min

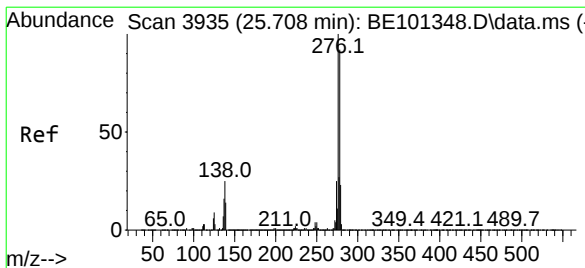
Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Tgt Ion:264 Resp: 1918181

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	21.9	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.971 ng

RT: 25.713 min Scan# 3935

Delta R.T. 0.005 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 276 Resp: 5177725

Ion Ratio Lower Upper

276 100

138 23.3 19.2 28.8

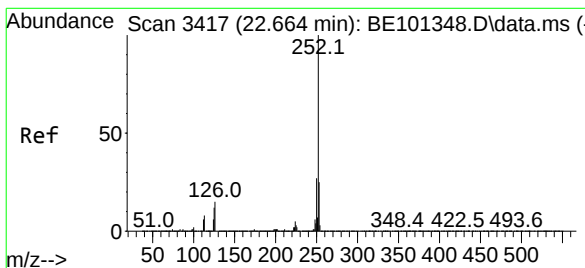
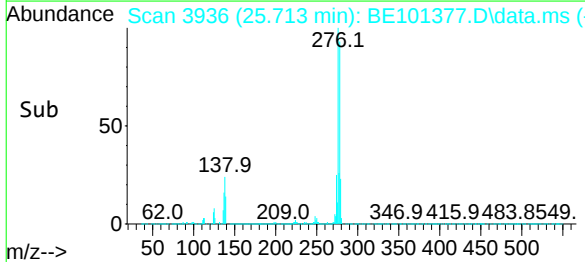
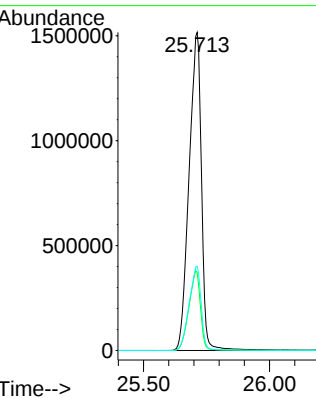
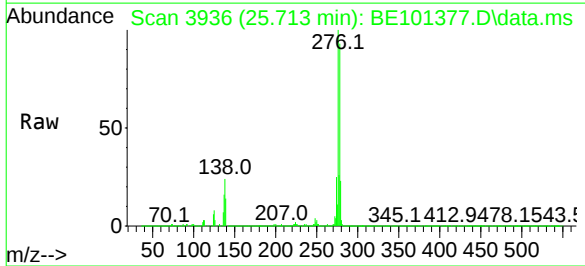
277 25.6 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 39.022 ng

RT: 22.669 min Scan# 3418

Delta R.T. 0.005 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

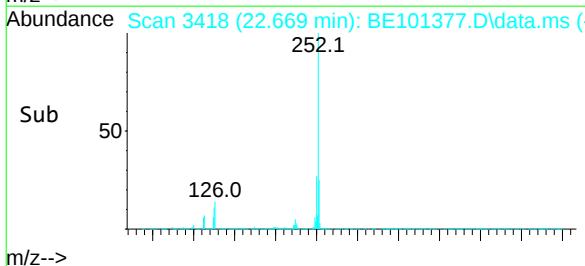
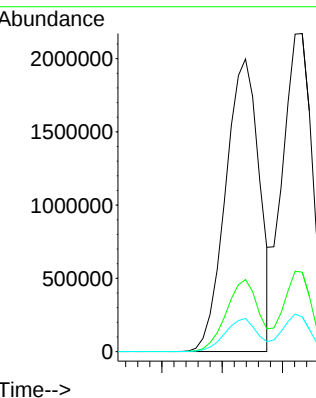
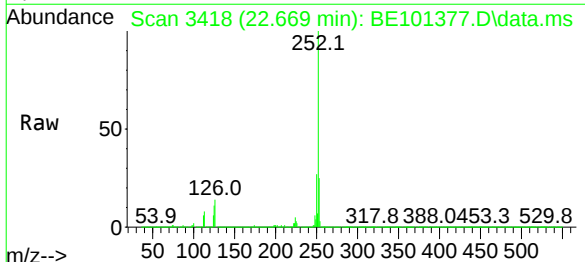
Tgt Ion: 252 Resp: 3876715

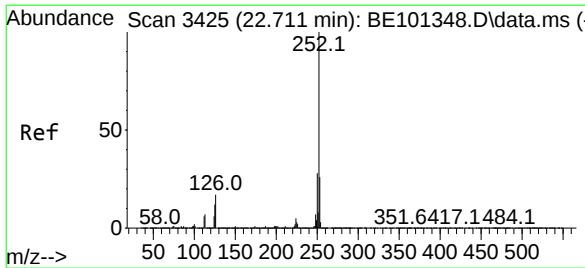
Ion Ratio Lower Upper

252 100

253 24.6 20.2 30.2

125 11.3 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 41.152 ng

RT: 22.716 min Scan# 3425

Delta R.T. 0.005 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion:252 Resp: 3858588

Ion Ratio Lower Upper

252 100

253 25.0 20.2 30.4

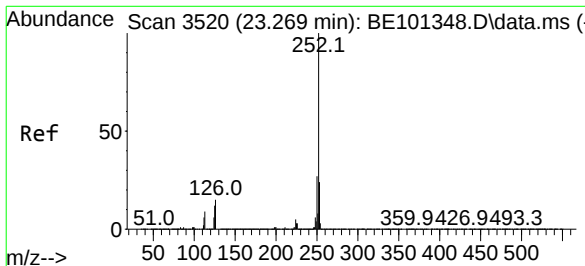
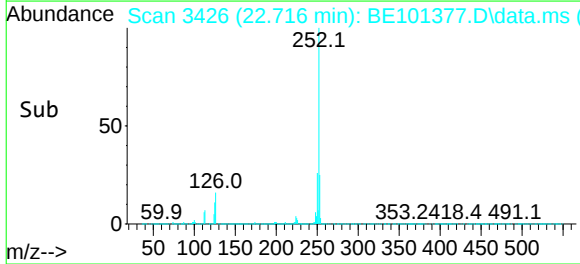
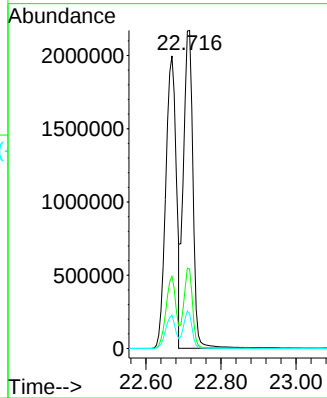
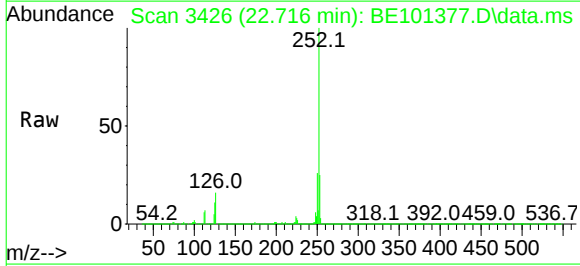
125 10.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 40.615 ng

RT: 23.269 min Scan# 3520

Delta R.T. -0.001 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

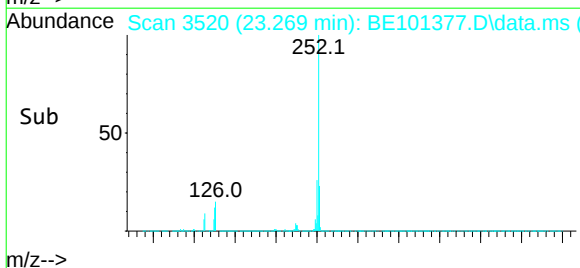
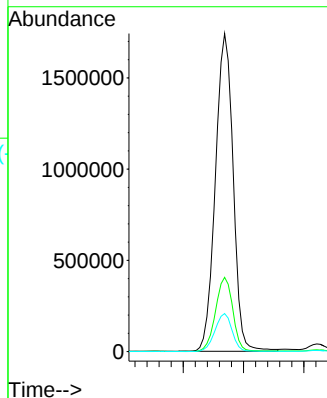
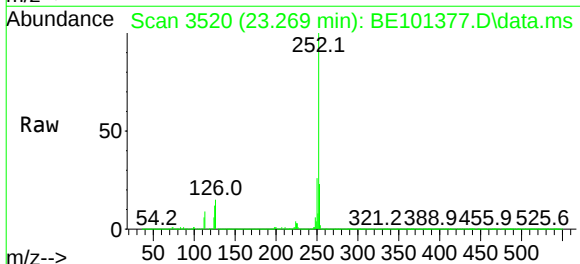
Tgt Ion:252 Resp: 3560975

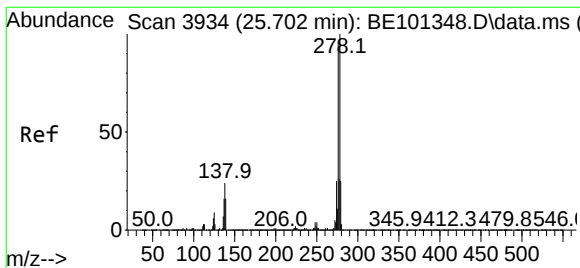
Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

125 12.0 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 40.769 ng

RT: 25.707 min Scan# 39

Delta R.T. 0.005 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 278 Resp: 4313578

Ion Ratio Lower Upper

278 100

139 15.8 12.4 18.6

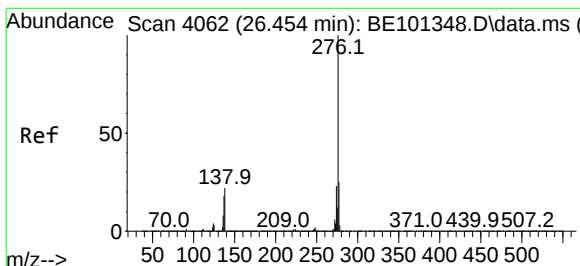
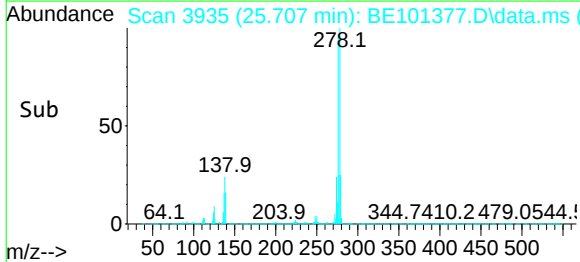
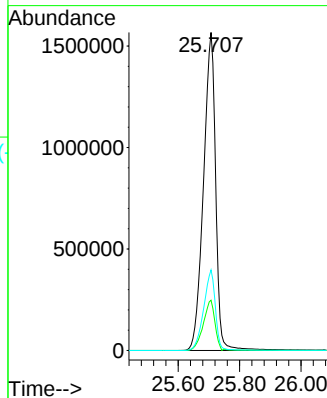
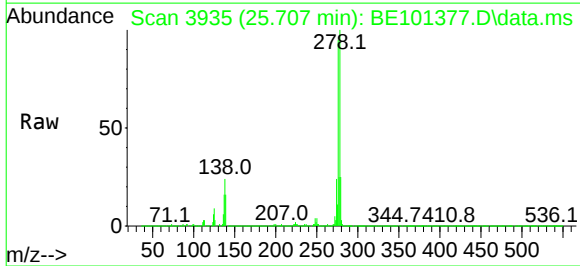
279 25.4 19.8 29.8

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 09/21/2024

Supervised By : mohammad ahmed 09/22/2024



#92

Benzo(g,h,i)perylene

Concen: 40.272 ng

RT: 26.465 min Scan# 4064

Delta R.T. 0.011 min

Lab File: BE101377.D

Acq: 19 Sep 2024 14:39

Tgt Ion: 276 Resp: 4326444

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 20.1 17.4 26.0

