

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
 Data File : BE101370.D
 Acq On : 19 Sep 2024 9:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 11:09:22 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	7.576	152	155341	20.000	ng	0.00
21) Naphthalene-d8	10.344	136	778404	20.000	ng	0.00
39) Acenaphthene-d10	14.186	164	575851	20.000	ng	0.00
64) Phenanthrene-d10	16.924	188	1314926	20.000	ng	0.00
76) Chrysene-d12	21.084	240	1422806	20.000	ng	0.00
86) Perylene-d12	23.376	264	1782778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	711248	80.055	ng	0.00
7) Phenol-d6	6.954	99	1017175	80.761	ng	0.00
23) Nitrobenzene-d5	8.787	82	1031331	83.998	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	812429	83.880	ng	0.00
45) 2-Fluorobiphenyl	12.811	172	2706730	81.226	ng	0.00
79) Terphenyl-d14	19.515	244	4526445	70.541	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	135573	40.074	ng	98
3) Pyridine	3.652	79	402258m	41.279	ng	
4) n-Nitrosodimethylamine	3.563	42	148661	42.460	ng	99
6) Aniline	7.018	93	465673	44.069	ng	100
8) 2-Chlorophenol	7.218	128	427737	40.066	ng	98
9) Benzaldehyde	6.783	77	269585	46.573	ng	98
10) Phenol	6.977	94	568941	41.097	ng	99
11) bis(2-Chloroethyl)ether	7.042	93	433407	36.992	ng	98
12) 1,3-Dichlorobenzene	7.459	146	447651	39.015	ng	99
13) 1,4-Dichlorobenzene	7.606	146	458208	39.195	ng	99
14) 1,2-Dichlorobenzene	7.935	146	450965	38.930	ng	97
15) Benzyl Alcohol	7.911	79	327034	43.607	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.082	45	584120	39.557	ng	100
17) 2-Methylphenol	8.158	107	373299	40.696	ng	99
18) Hexachloroethane	8.634	117	154868	40.507	ng	97
19) n-Nitroso-di-n-propyla...	8.375	70	378154	42.541	ng	98
20) 3+4-Methylphenols	8.493	107	533739	41.352	ng	98
22) Acetophenone	8.428	105	736786	40.818	ng	# 100
24) Nitrobenzene	8.828	77	541500	41.310	ng	99
25) Isophorone	9.280	82	1045953	41.613	ng	100
26) 2-Nitrophenol	9.515	139	267830	43.293	ng	99
27) 2,4-Dimethylphenol	9.633	122	327930	41.290	ng	97
28) bis(2-Chloroethoxy)met...	9.780	93	616331	40.538	ng	100
29) 2,4-Dichlorophenol	10.062	162	451000	41.468	ng	99
30) 1,2,4-Trichlorobenzene	10.185	180	466280	39.669	ng	98
31) Naphthalene	10.391	128	1581142	40.257	ng	100
32) Benzoic acid	9.897	122	332704	40.629	ng	96
33) 4-Chloroaniline	10.614	127	629707	41.907	ng	99
34) Hexachlorobutadiene	10.643	225	269928	39.526	ng	99
35) Caprolactam	11.401	113	191714	43.633	ng	97
36) 4-Chloro-3-methylphenol	11.789	107	535285	41.652	ng	99
37) 2-Methylnaphthalene	11.983	142	1152133	40.110	ng	100
38) 1-Methylnaphthalene	12.206	142	1158207	40.191	ng	100
40) 1,2,4,5-Tetrachloroben...	12.336	216	554355	39.963	ng	100
41) Hexachlorocyclopentadiene	12.324	237	188149	41.279	ng	97
43) 2,4,6-Trichlorophenol	12.659	196	411581	41.895	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.759	196	465164	41.966	ng	99
46) 1,1'-Biphenyl	13.011	154	1553826	39.819	ng	99
47) 2-Chloronaphthalene	13.058	162	1234754	40.225	ng	99
48) 2-Nitroaniline	13.393	65	367790	44.533	ng	98
49) Acenaphthylene	13.916	152	1861300	40.637	ng	100
50) Dimethylphthalate	13.693	163	1658119	39.904	ng	99
51) 2,6-Dinitrotoluene	13.828	165	385057	41.408	ng	99
52) Acenaphthene	14.251	154	1216230	40.282	ng	99
53) 3-Nitroaniline	14.239	138	421157	44.028	ng	99
54) 2,4-Dinitrophenol	14.368	184	236055	42.643	ng	93
55) Dibenzofuran	14.592	168	1902308	39.888	ng	99
56) 4-Nitrophenol	14.656	139	349916	44.001	ng	98
57) 2,4-Dinitrotoluene	14.609	165	545983	43.129	ng	94
58) Fluorene	15.226	166	1621138	40.343	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.856	232	434991	41.497	ng	99
60) Diethylphthalate	15.021	149	1737280	40.298	ng	100
61) 4-Chlorophenyl-phenyle...	15.214	204	785843	39.868	ng	99
62) 4-Nitroaniline	15.426	138	449658	45.106	ng	100
63) Azobenzene	15.514	77	1514045	41.098	ng	99
65) 4,6-Dinitro-2-methylph...	15.355	198	314118	42.070	ng	99
66) n-Nitrosodiphenylamine	15.467	169	1419446	40.498	ng	100
67) 4-Bromophenyl-phenylether	16.102	248	546760	40.026	ng	98
68) Hexachlorobenzene	16.207	284	716429	40.581	ng	99
69) Atrazine	16.401	200	408822	35.323	ng	100
70) Pentachlorophenol	16.613	266	453636	43.006	ng	100
71) Phenanthrene	16.965	178	2529416	40.502	ng	100
72) Anthracene	17.048	178	2526452	41.572	ng	99
73) Carbazole	17.383	167	2561381	41.128	ng	100
74) Di-n-butylphthalate	17.829	149	2907667	42.521	ng	99
75) Fluoranthene	18.969	202	3086785	41.058	ng	99
77) Benzidine	19.227	184	1560623	66.089	ng	100
78) Pyrene	19.339	202	3236973	40.906	ng	98
80) Butylbenzylphthalate	20.191	149	1487509	42.465	ng	99
81) Benzo(a)anthracene	21.066	228	3255481	40.743	ng	98
82) 3,3'-Dichlorobenzidine	21.043	252	1376801	43.976	ng	99
83) Chrysene	21.119	228	3115022	40.583	ng	99
84) Bis(2-ethylhexyl)phtha...	20.890	149	2011809	43.428	ng	97
85) Di-n-octyl phthalate	21.742	149	3227317	42.679	ng	100
87) Indeno(1,2,3-cd)pyrene	25.714	276	4833634	41.153	ng	99
88) Benzo(b)fluoranthene	22.665	252	3767104	40.799	ng	98
89) Benzo(k)fluoranthene	22.712	252	3576259	41.037	ng	99
90) Benzo(a)pyrene	23.270	252	3350629	41.118	ng	99
91) Dibenzo(a,h)anthracene	25.702	278	4067110	41.359	ng	100
92) Benzo(g,h,i)perylene	26.460	276	4051740	40.579	ng	98

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

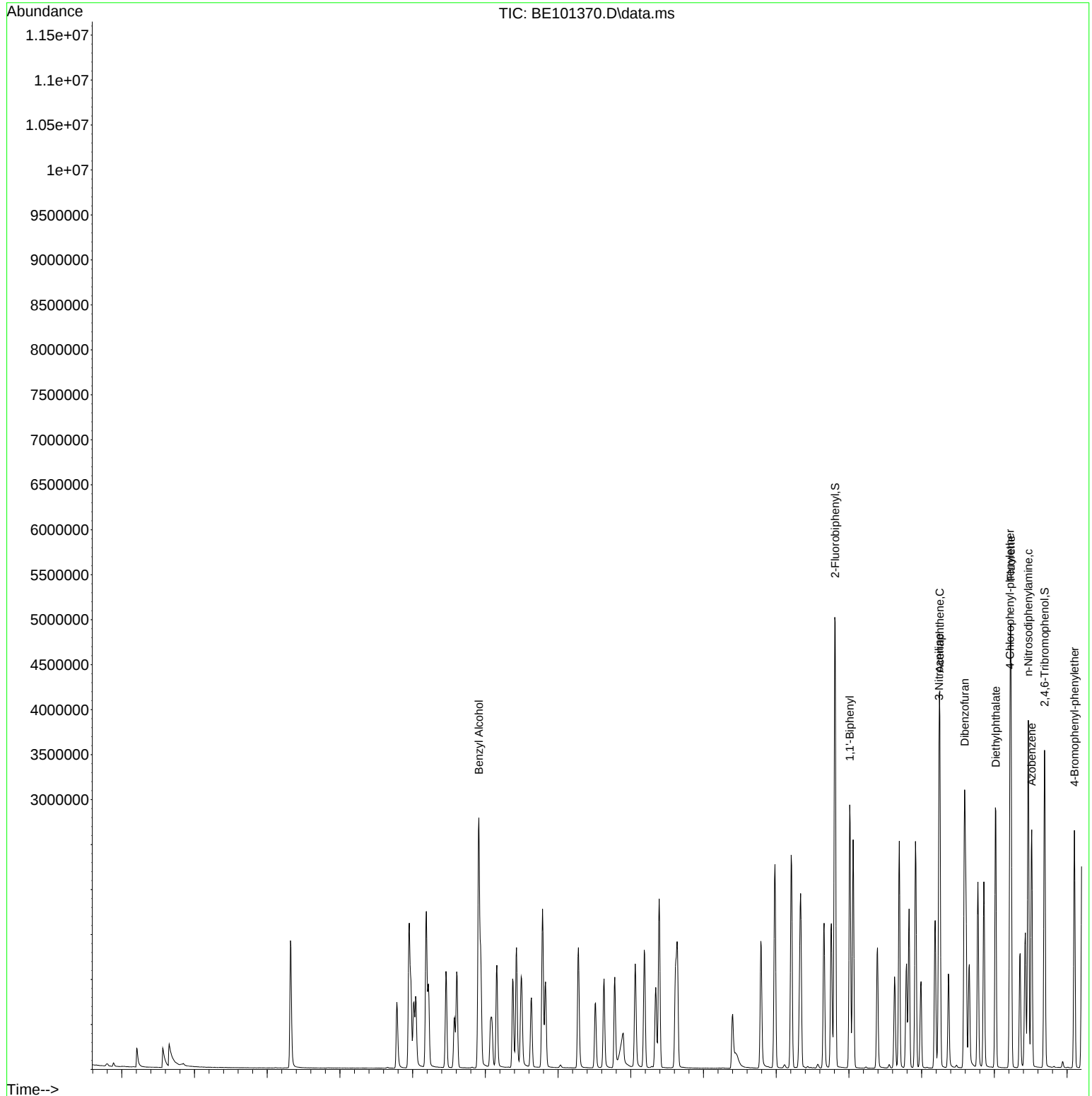
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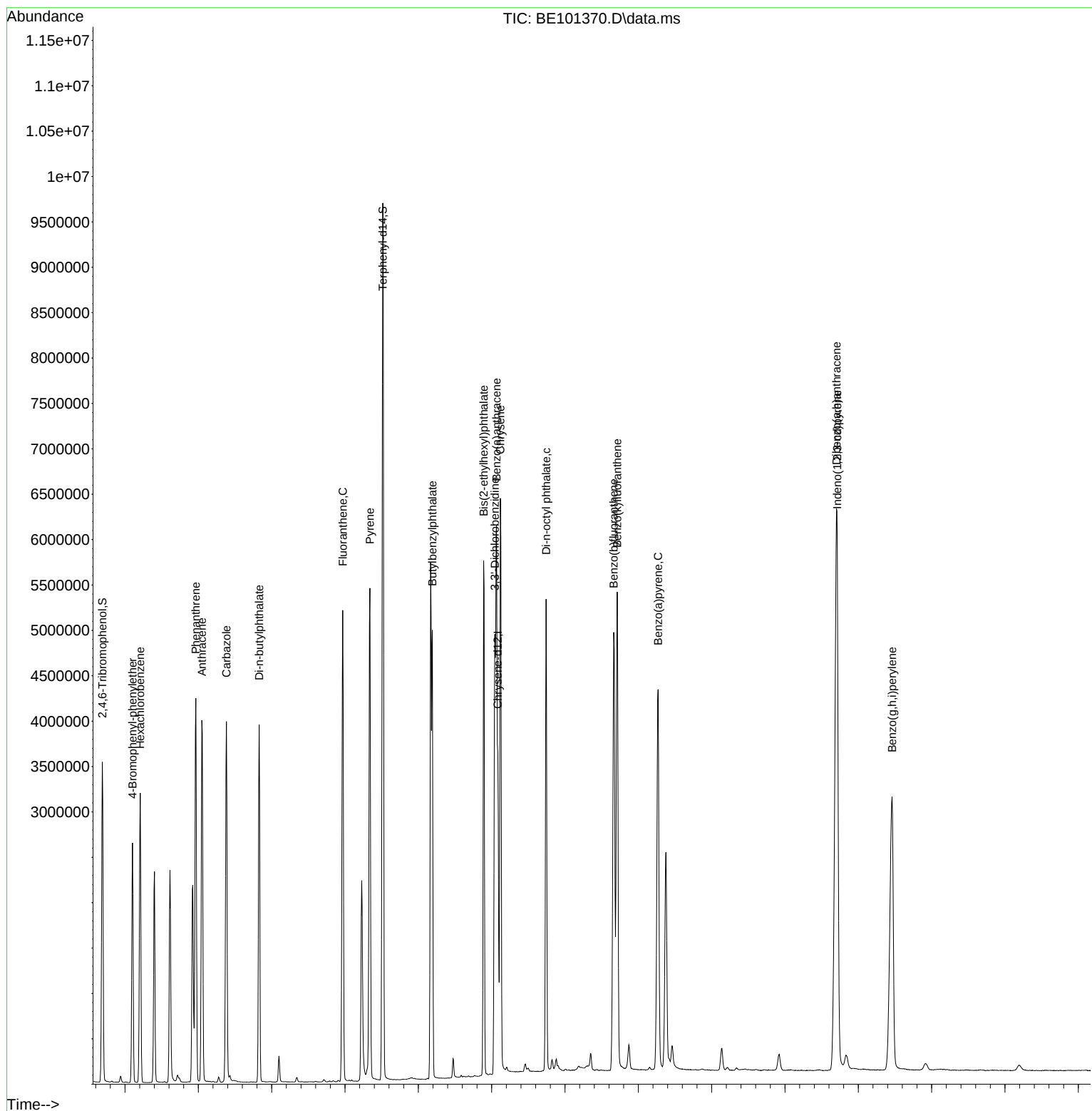
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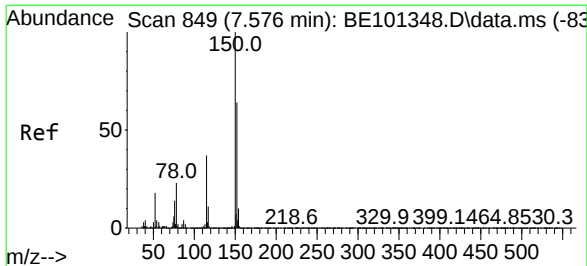
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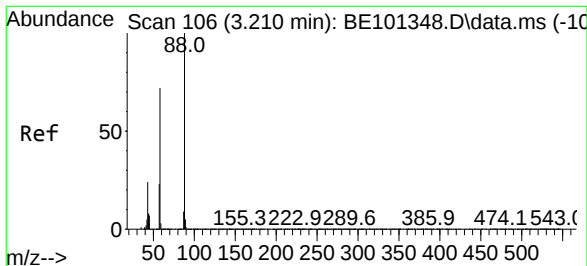
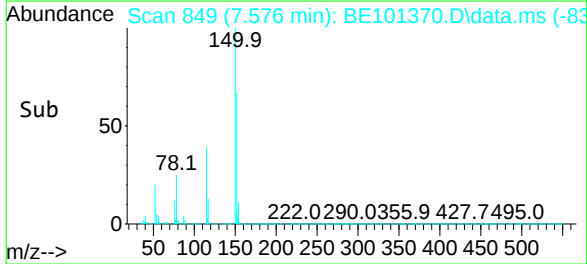
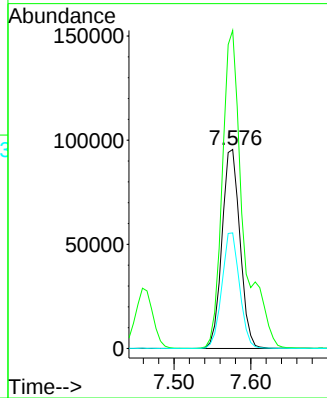
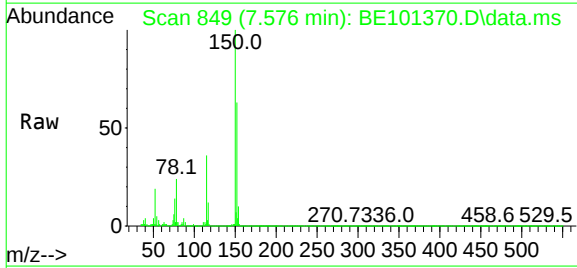
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.576 min Scan# 849
Delta R.T. 0.000 min
Lab File: BE101370.D
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.8	125.9	188.9
115	58.1	46.9	70.3

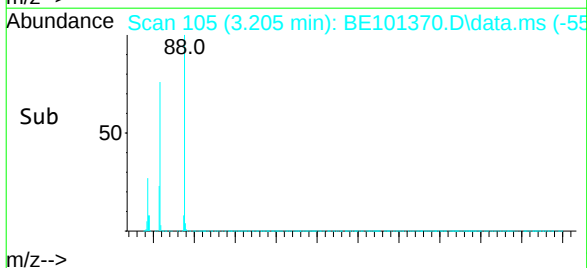
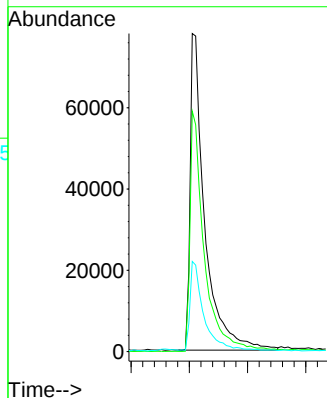
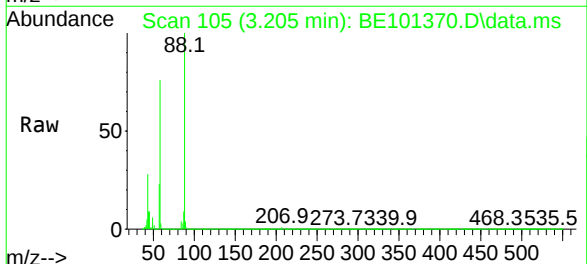
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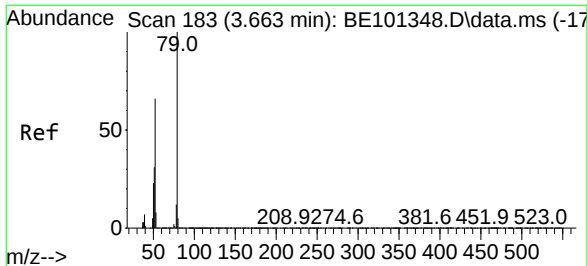
Reviewed By :Yogesh Patel 09/21/2024
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#2
1,4-Dioxane
Concen: 40.074 ng
RT: 3.205 min Scan# 105
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	58.8	88.2
43	26.4	19.4	29.2





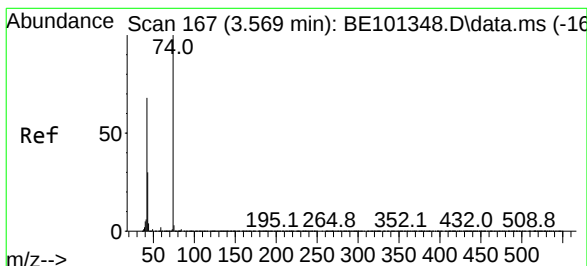
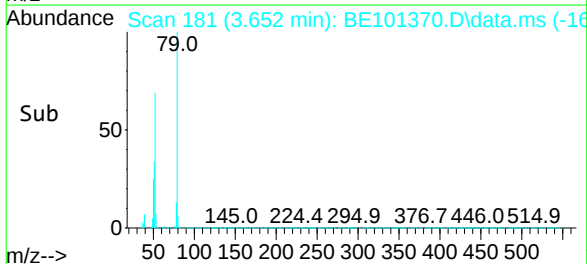
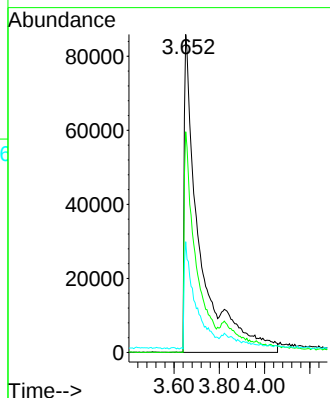
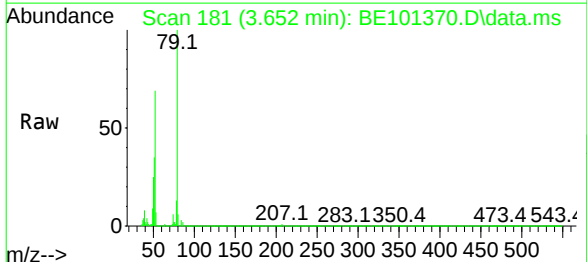
#3
Pyridine
Concen: 41.279 ng m
RT: 3.652 min Scan# 181
Delta R.T. -0.011 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

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ClientSampleId :
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Tgt Ion:	79	Resp:	402258
Ion	Ratio	Lower	Upper
79	100		
52	69.4	52.6	78.8
51	34.8	26.2	39.2

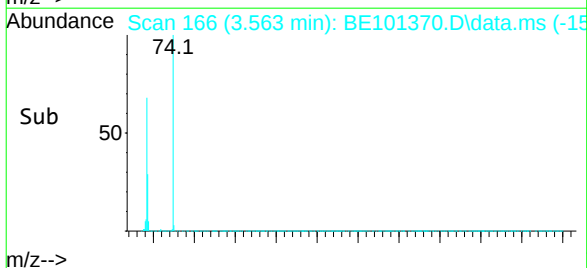
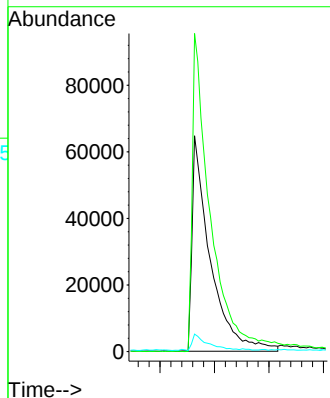
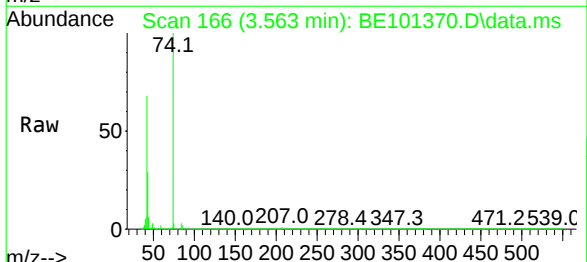
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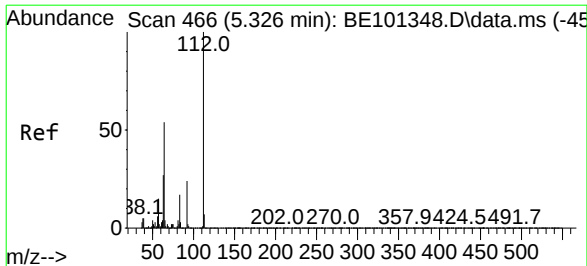
Reviewed By :Yogesh Patel 09/21/2024
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#4
n-Nitrosodimethylamine
Concen: 42.460 ng
RT: 3.563 min Scan# 166
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

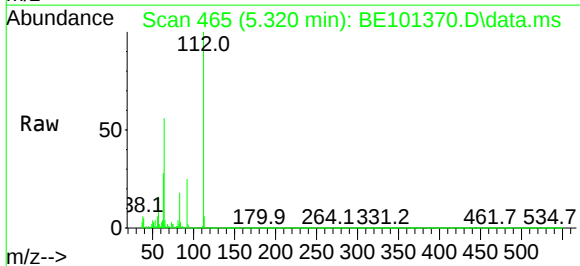
Tgt Ion:	42	Resp:	148661
Ion	Ratio	Lower	Upper
42	100		
74	147.4	117.0	175.4
44	8.1	5.9	8.9





#5
2-Fluorophenol
Concen: 80.055 ng
RT: 5.320 min Scan# 466
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

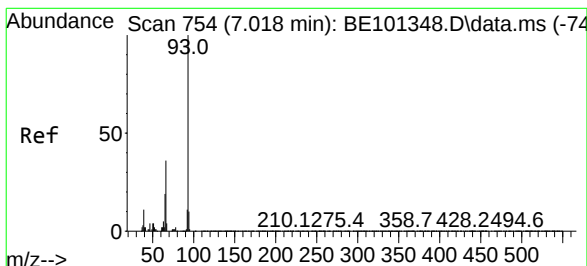
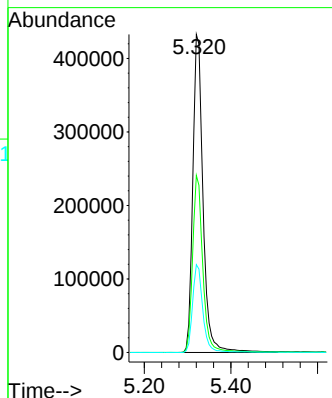
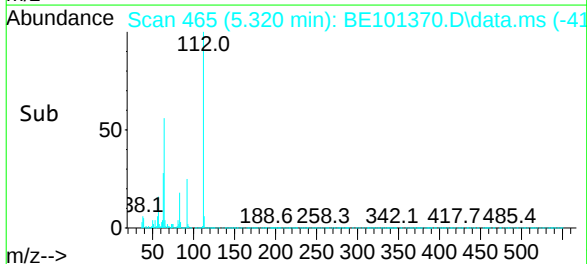
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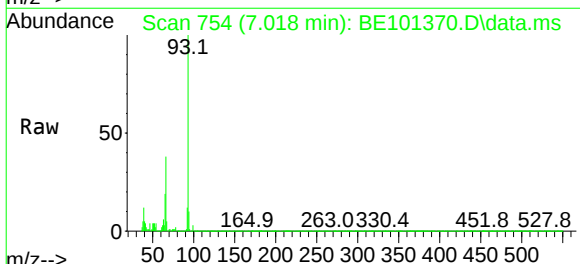
Tgt Ion: 112 Resp: 711248
Ion Ratio Lower Upper
112 100
64 55.7 42.8 64.2
63 27.6 21.3 31.9

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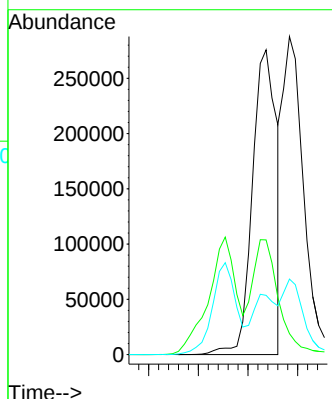
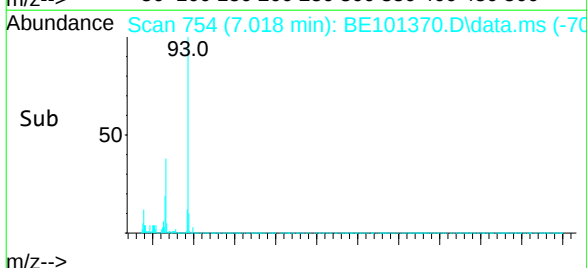
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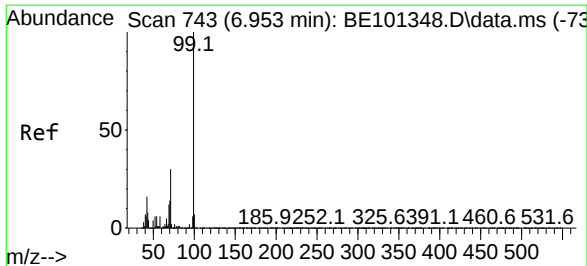


#6
Aniline
Concen: 44.069 ng
RT: 7.018 min Scan# 754
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14



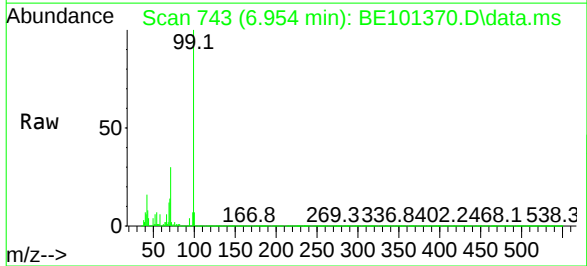
Tgt Ion: 93 Resp: 465673
Ion Ratio Lower Upper
93 100
66 37.6 30.0 45.0
65 19.4 15.8 23.8





#7
Phenol-d6
Concen: 80.761 ng
RT: 6.954 min Scan# 743
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

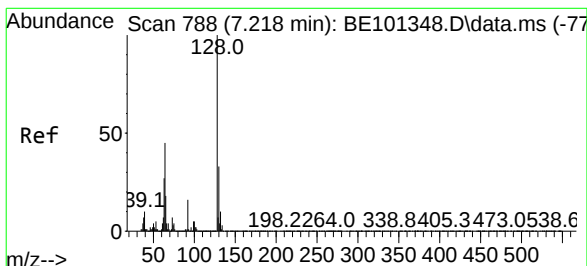
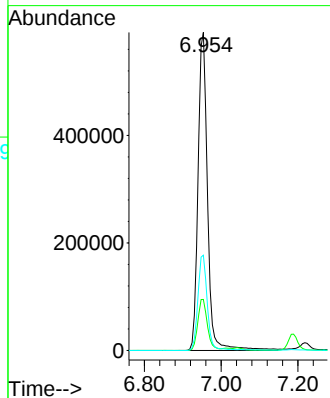
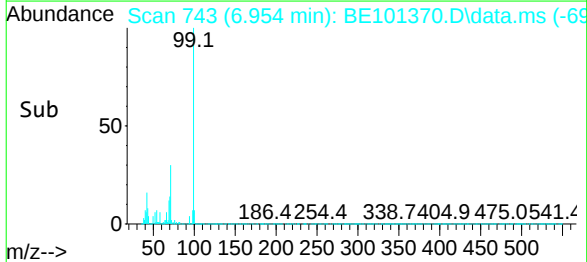
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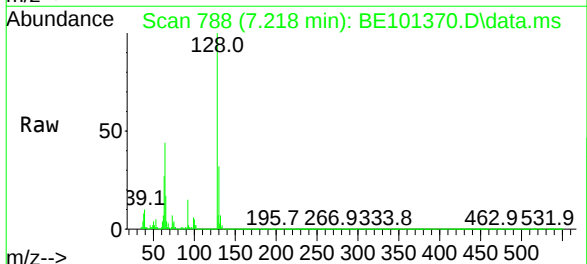
Tgt Ion: 99 Resp: 1017175
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 30.0 23.8 35.6

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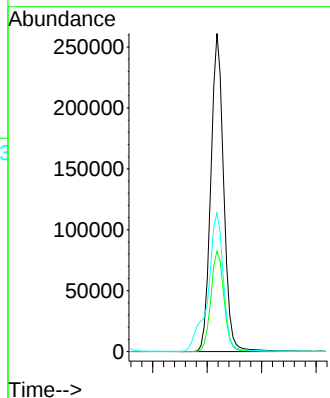
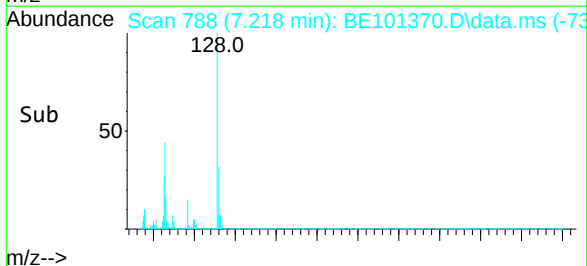
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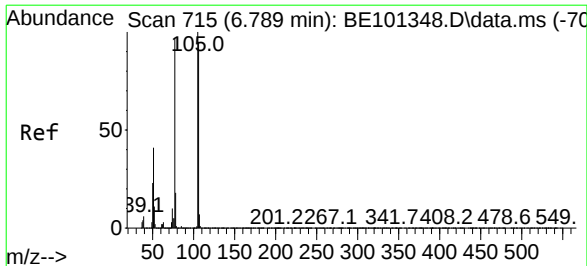


#8
2-Chlorophenol
Concen: 40.066 ng
RT: 7.218 min Scan# 788
Delta R.T. 0.000 min
Lab File: BE101370.D
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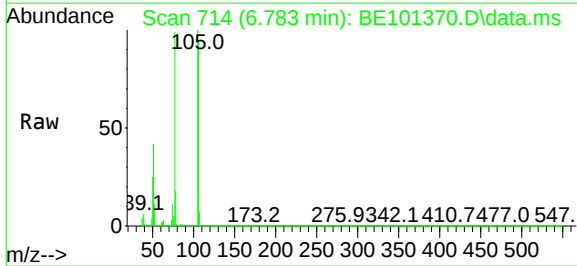
Tgt Ion:128 Resp: 427737
Ion Ratio Lower Upper
128 100
130 31.5 12.8 52.8
64 43.6 24.9 64.9





#9
Benzaldehyde
Concen: 46.573 ng
RT: 6.783 min Scan# 715
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

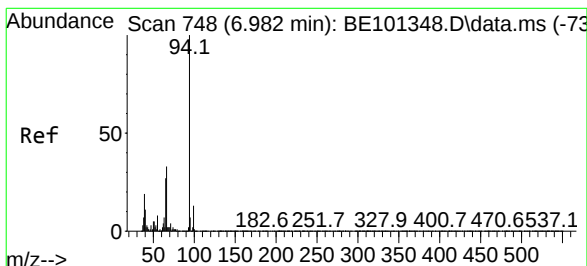
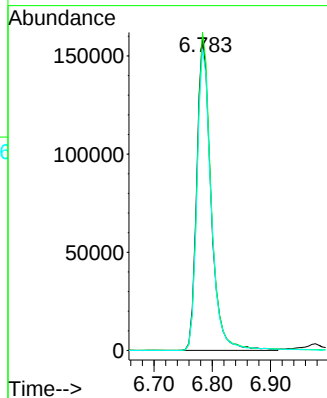
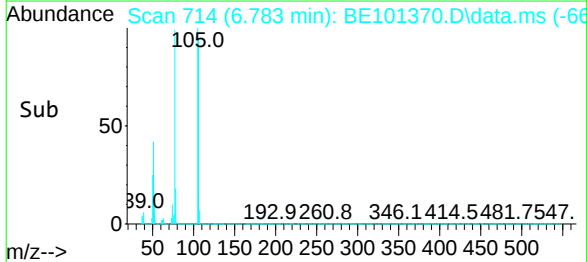
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



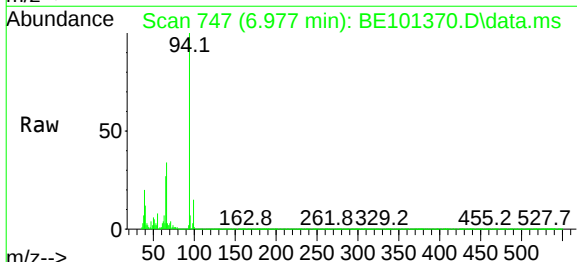
Tgt Ion: 77 Resp: 269585
Ion Ratio Lower Upper
77 100
105 101.0 82.8 122.8
106 95.8 77.9 117.9

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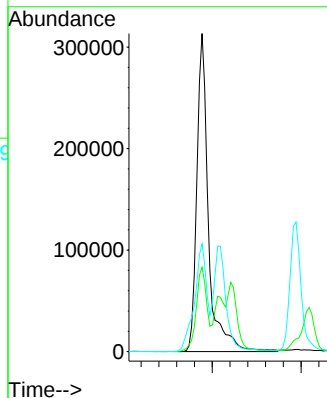
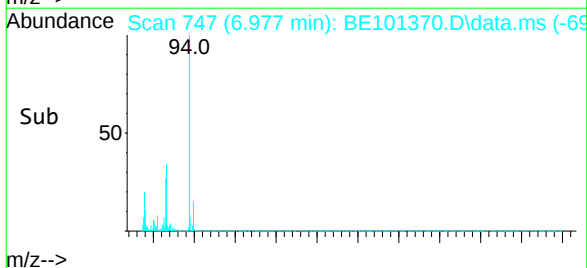
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

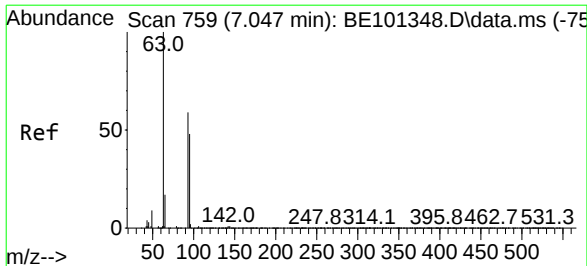


#10
Phenol
Concen: 41.097 ng
RT: 6.977 min Scan# 747
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14



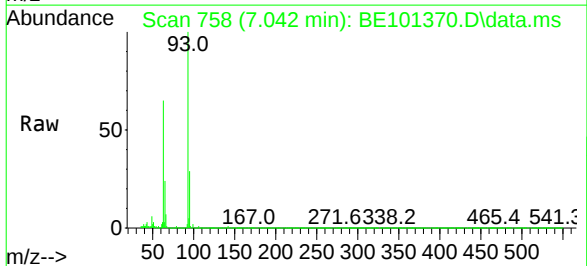
Tgt Ion: 94 Resp: 568941
Ion Ratio Lower Upper
94 100
65 26.5 7.1 47.1
66 33.9 13.1 53.1





#11
bis(2-Chloroethyl)ether
Concen: 36.992 ng
RT: 7.042 min Scan# 759
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

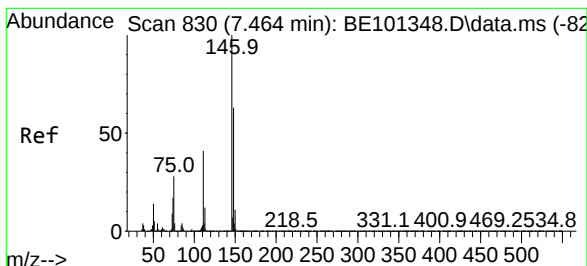
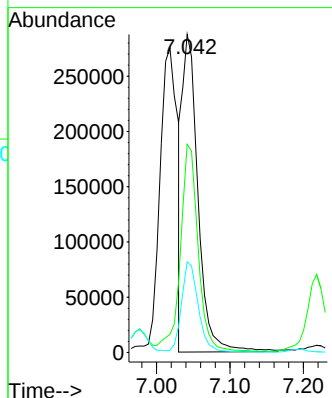
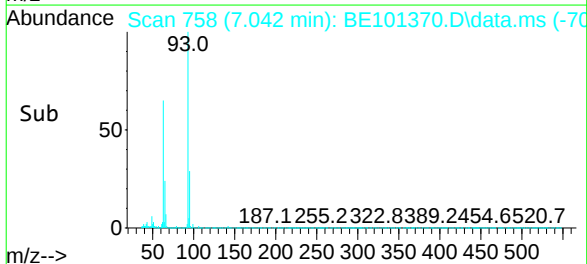
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



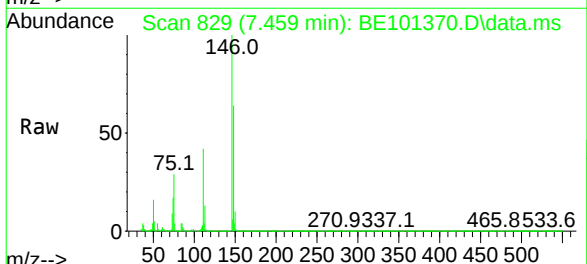
Tgt Ion: 93 Resp: 433407
Ion Ratio Lower Upper
93 100
63 65.5 43.7 83.7
95 28.5 8.7 48.7

Manual Integrations
APPROVED

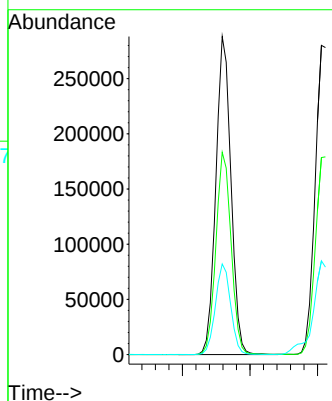
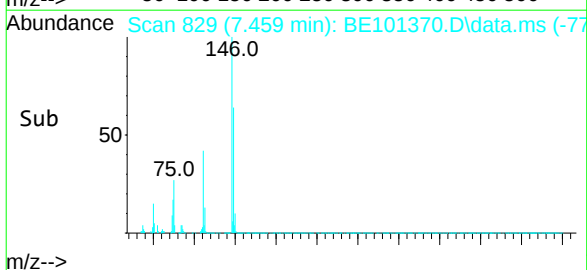
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

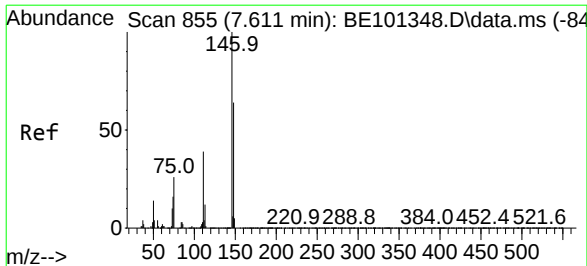


#12
1,3-Dichlorobenzene
Concen: 39.015 ng
RT: 7.459 min Scan# 829
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14



Tgt Ion:146 Resp: 447651
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
75 28.5 22.1 33.1





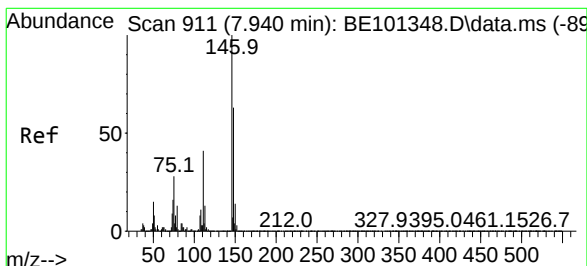
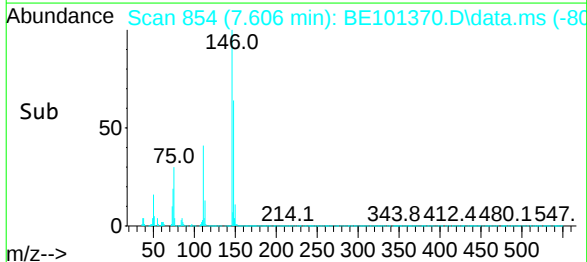
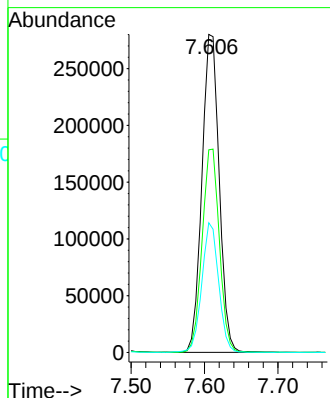
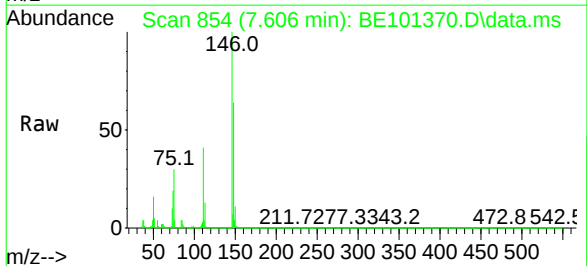
#13
1,4-Dichlorobenzene
Concen: 39.195 ng
RT: 7.606 min Scan# 85
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 458208
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 40.8 31.1 46.7

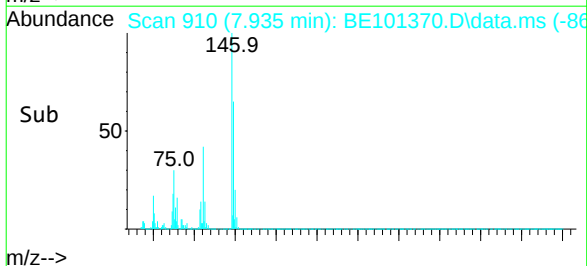
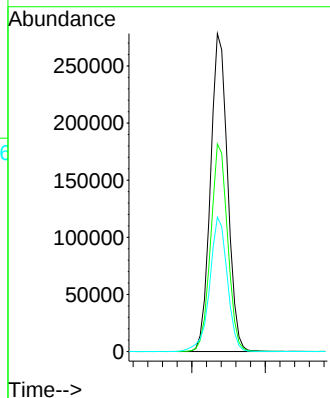
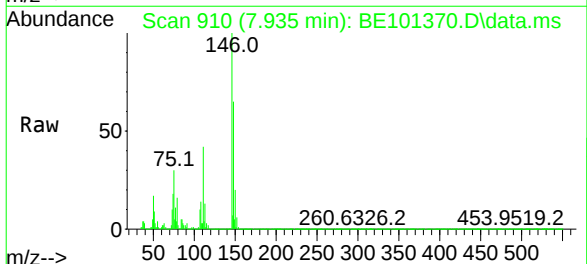
Manual Integrations
APPROVED

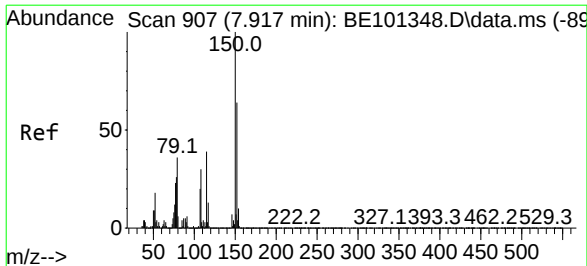
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 38.930 ng
RT: 7.935 min Scan# 910
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:146 Resp: 450965
Ion Ratio Lower Upper
146 100
148 65.3 50.4 75.6
111 42.3 32.6 48.8





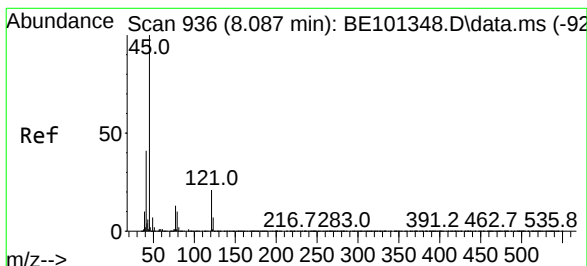
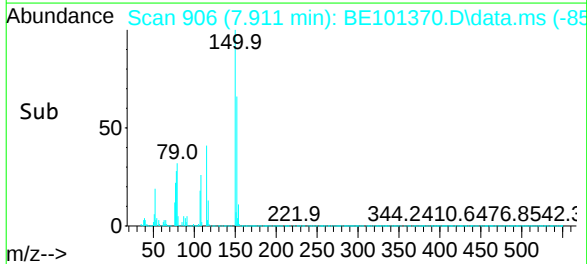
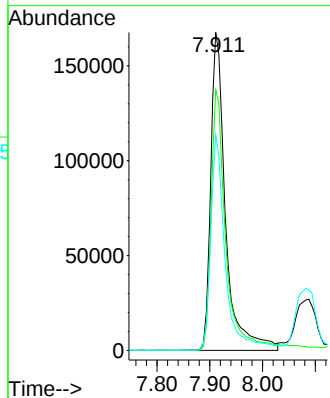
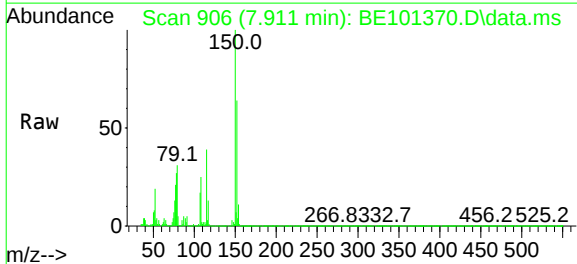
#15
Benzyl Alcohol
Concen: 43.607 ng
RT: 7.911 min Scan# 907
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 327034
Ion Ratio Lower Upper
79 100
108 81.9 66.0 99.0
77 67.8 51.0 76.6

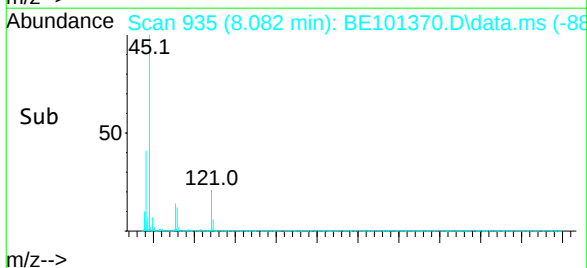
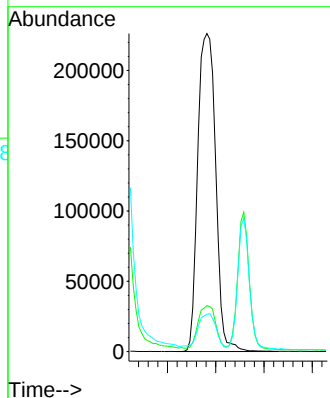
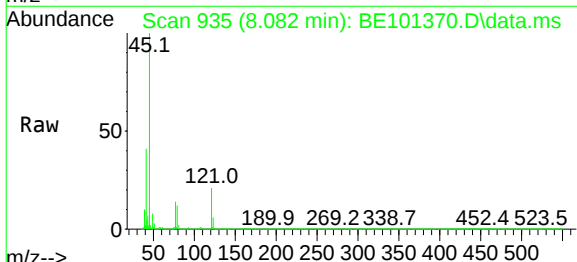
Manual Integrations
APPROVED

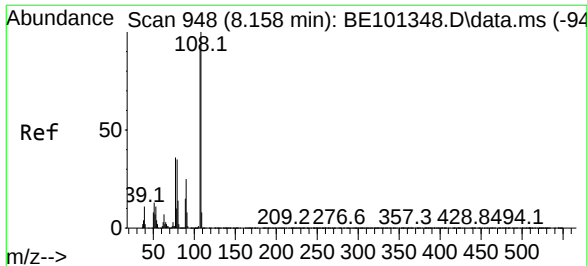
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.557 ng
RT: 8.082 min Scan# 935
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

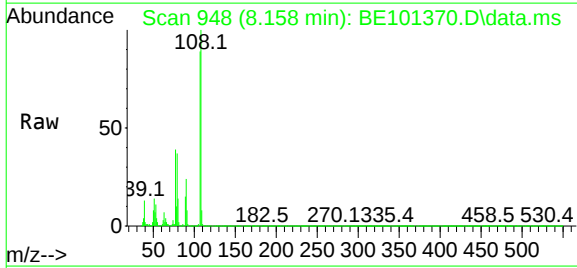
Tgt Ion: 45 Resp: 584120
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.3
79 11.7 0.0 31.6





#17
2-Methylphenol
Concen: 40.696 ng
RT: 8.158 min Scan# 948
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

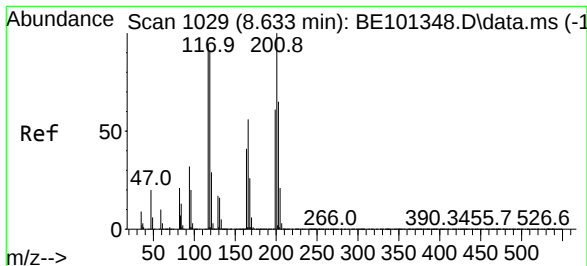
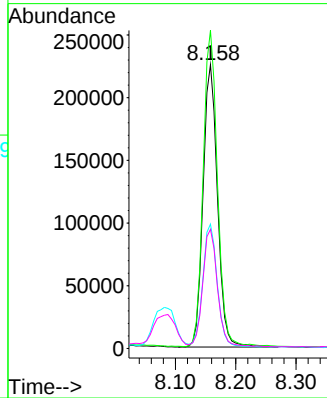
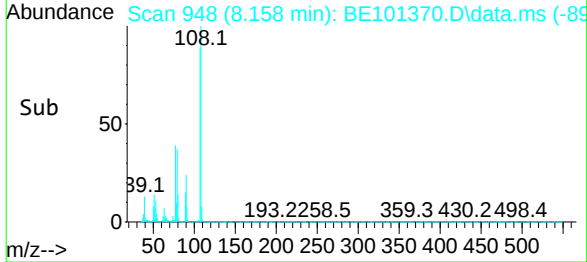
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	88.2	132.2
77	43.8	34.9	52.3
79	42.0	33.3	49.9

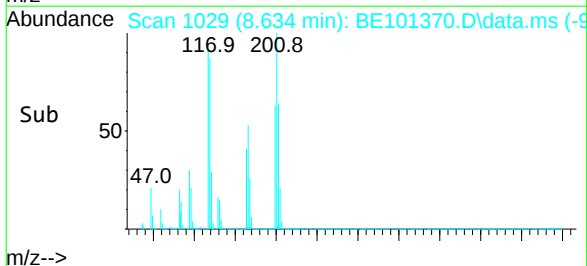
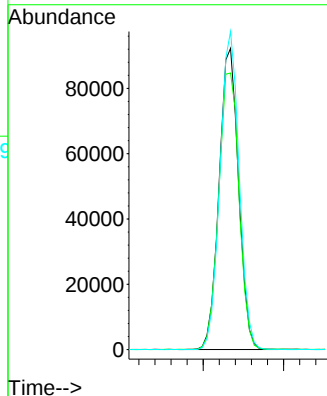
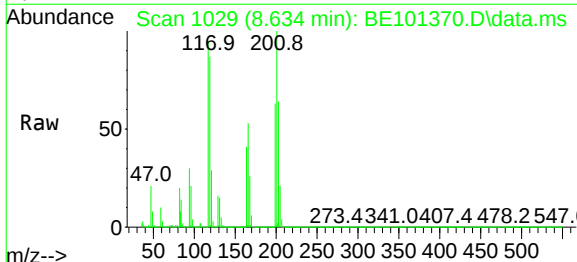
Manual Integrations
APPROVED

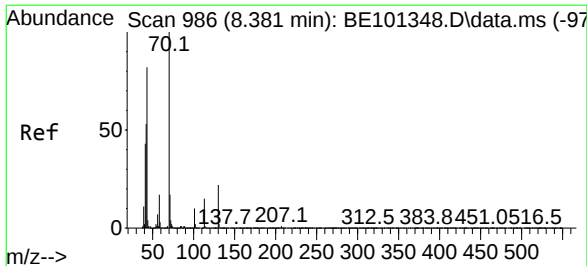
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 40.507 ng
RT: 8.634 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.4	116.2
201	105.6	84.8	127.2





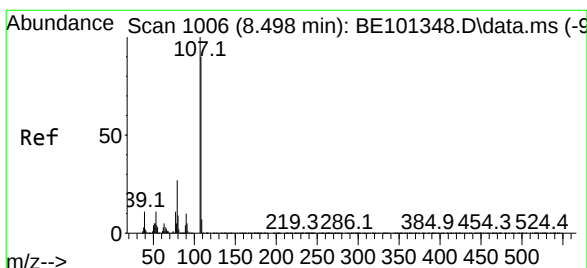
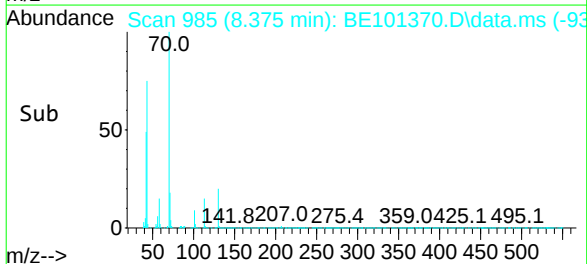
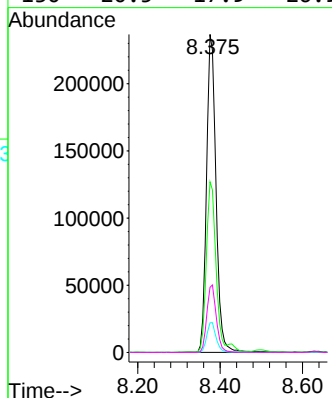
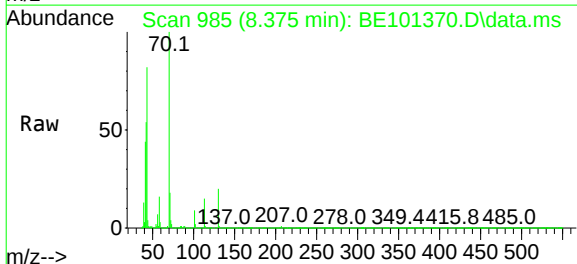
#19
n-Nitroso-di-n-propylamine
Concen: 42.541 ng
RT: 8.375 min Scan# 98
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 378154
Ion Ratio Lower Upper
70 100
42 53.7 42.5 63.7
101 9.3 7.8 11.6
130 20.5 17.9 26.9

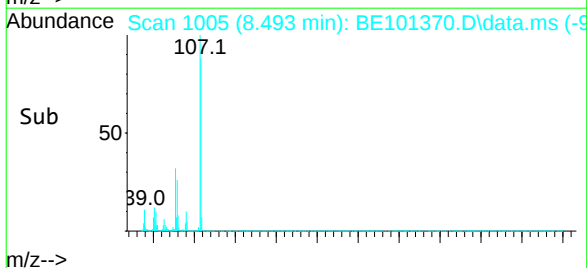
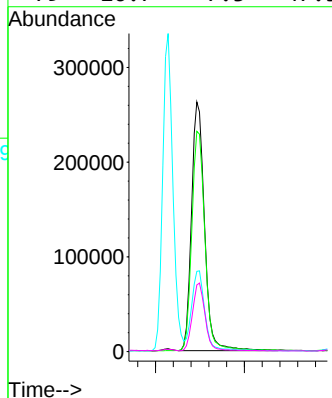
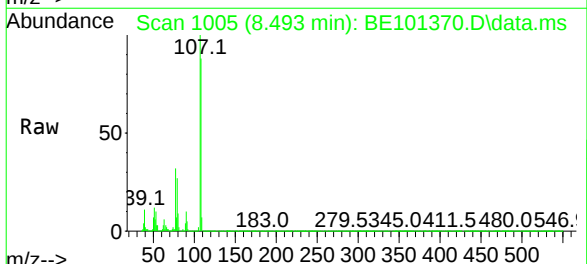
Manual Integrations
APPROVED

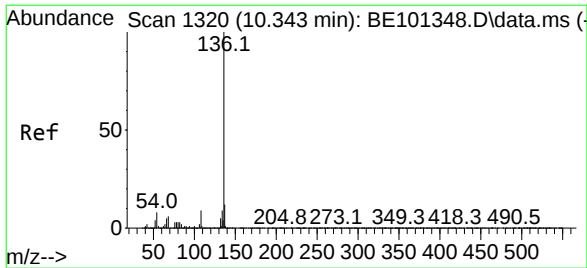
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#20
3+4-Methylphenols
Concen: 41.352 ng
RT: 8.493 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:107 Resp: 533739
Ion Ratio Lower Upper
107 100
108 88.2 70.4 110.4
77 32.1 12.5 52.5
79 26.7 7.3 47.3





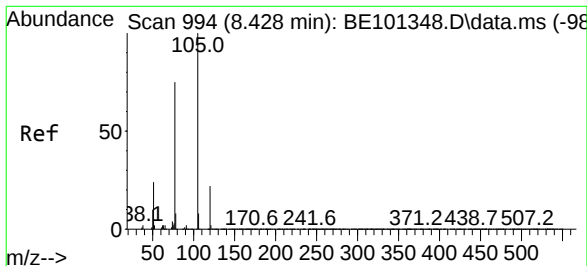
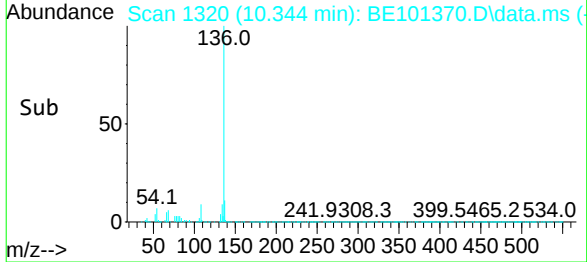
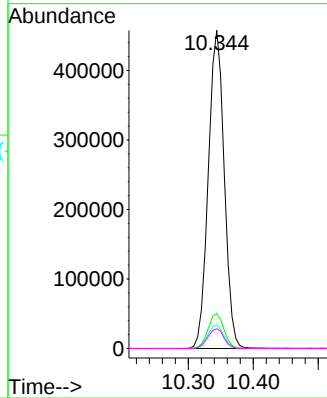
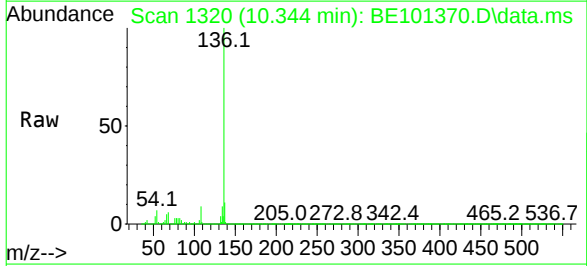
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.344 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	778404
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.3	13.9
54	7.5	6.1	9.1
68	6.2	5.1	7.7

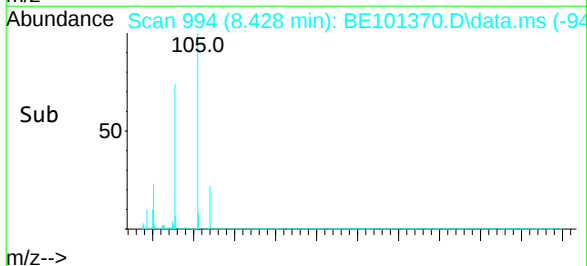
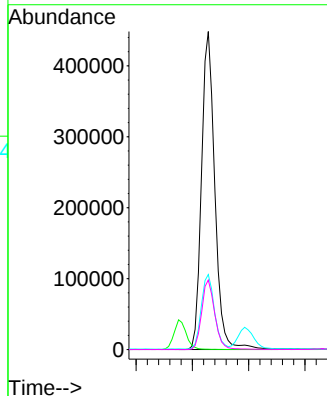
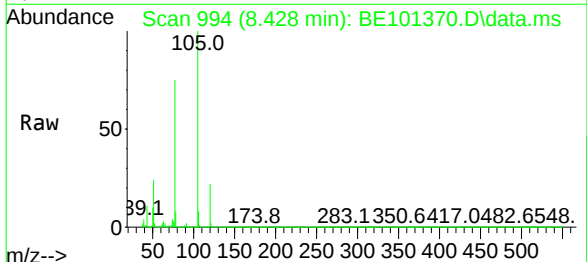
Manual Integrations
APPROVED

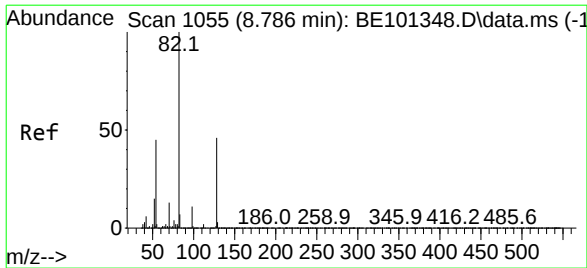
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 40.818 ng
RT: 8.428 min Scan# 994
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:	105	Resp:	736786
Ion Ratio	Lower	Upper	
105	100		
71	0.1	0.1	0.1#
51	23.6	19.0	28.4
120	21.9	17.7	26.5





#23

Nitrobenzene-d5

Concen: 83.998 ng

RT: 8.787 min Scan# 1055

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1031331

Ion Ratio Lower Upper

82 100

128 46.8 36.8 55.2

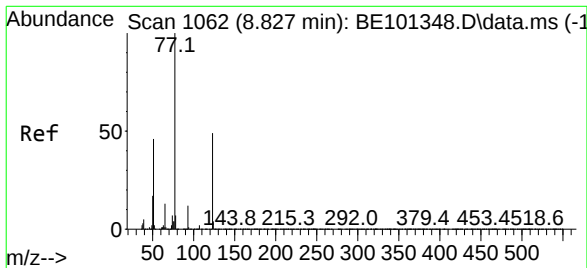
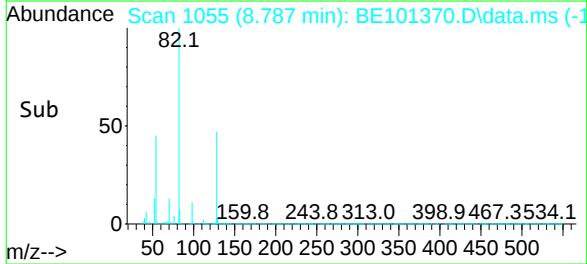
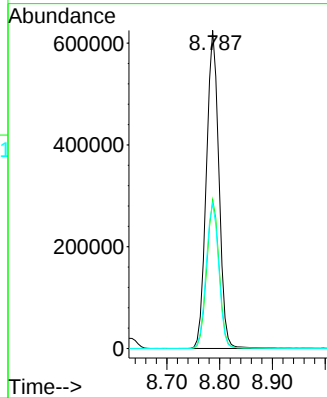
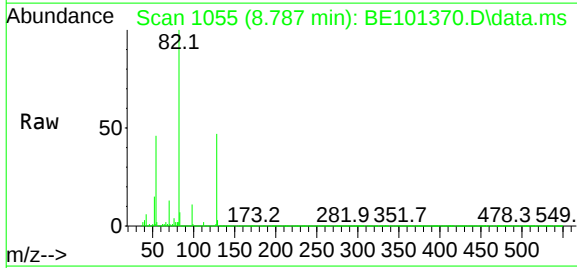
54 45.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#24

Nitrobenzene

Concen: 41.310 ng

RT: 8.828 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

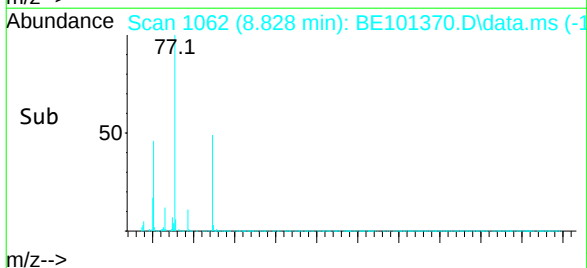
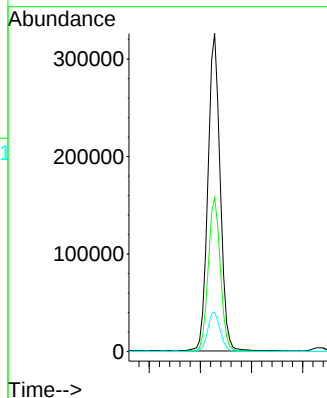
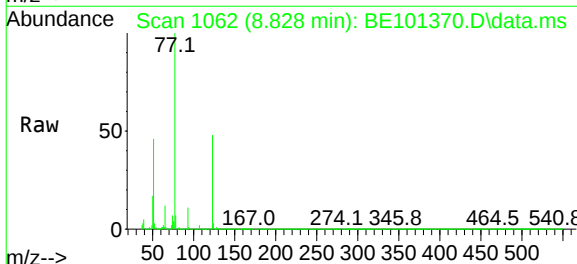
Tgt Ion: 77 Resp: 541500

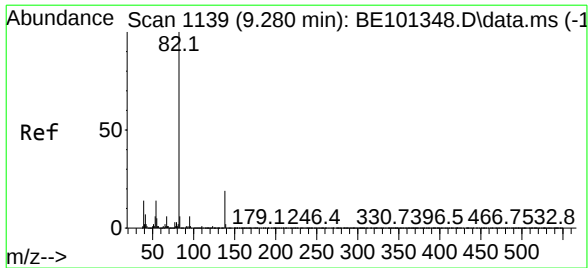
Ion Ratio Lower Upper

77 100

123 48.4 39.0 58.4

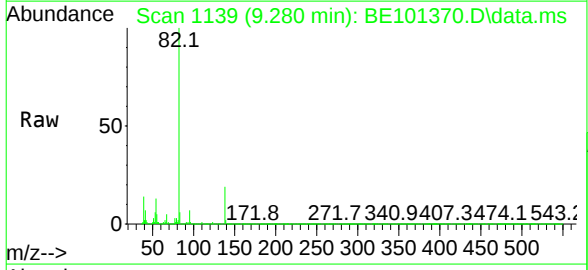
65 12.4 10.2 15.4





#25
Isophorone
Concen: 41.613 ng
RT: 9.280 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

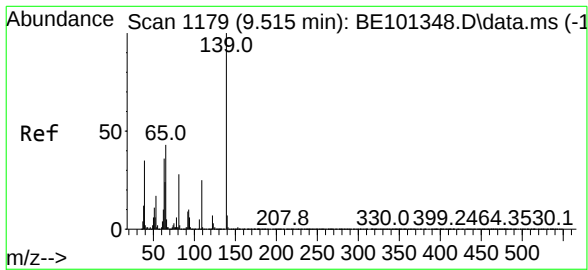
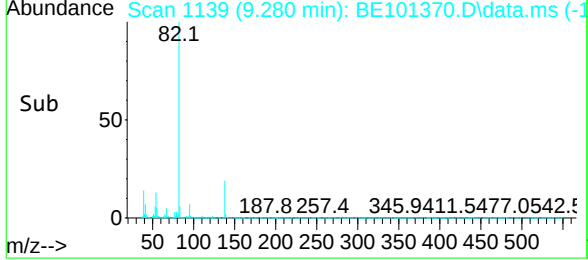
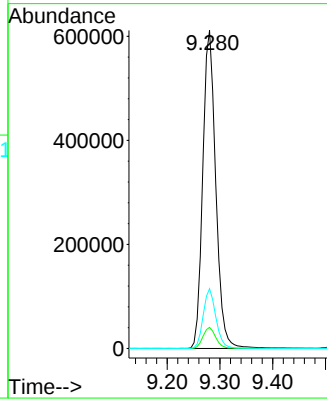
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:	82	Resp:	1045953
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	18.8	15.0	22.6

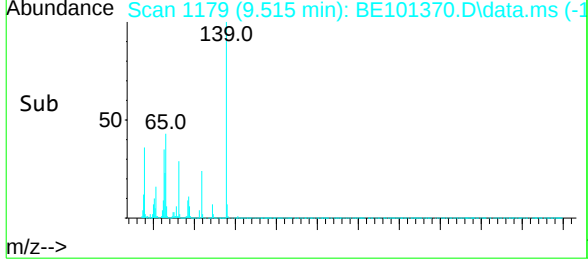
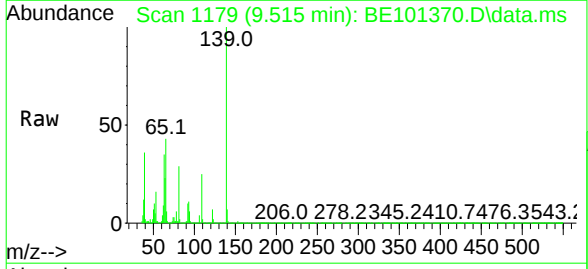
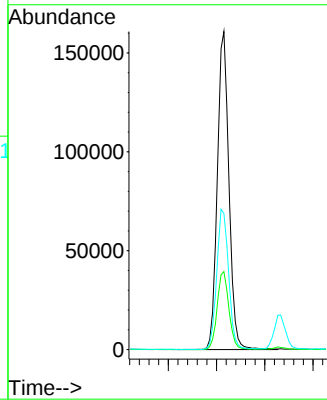
Manual Integrations
APPROVED

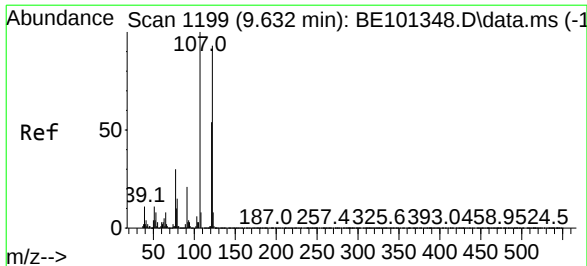
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 43.293 ng
RT: 9.515 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

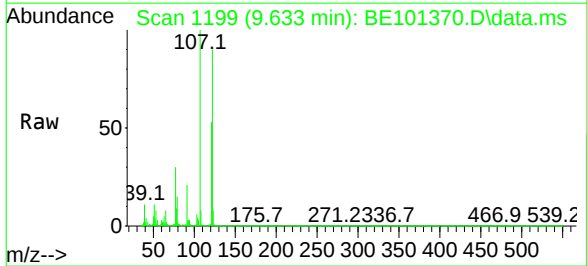
Tgt Ion:	139	Resp:	267830
Ion	Ratio	Lower	Upper
139	100		
109	24.5	19.8	29.6
65	42.8	34.6	52.0





#27
2,4-Dimethylphenol
Concen: 41.290 ng
RT: 9.633 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

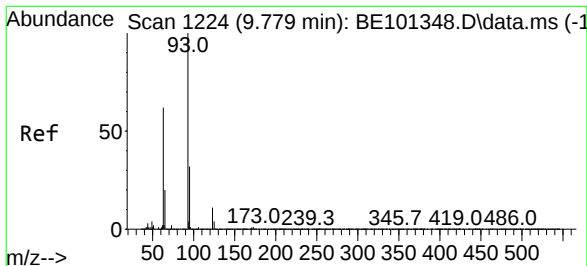
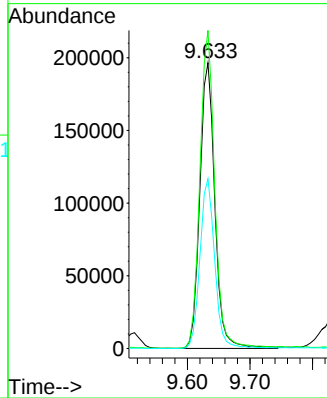
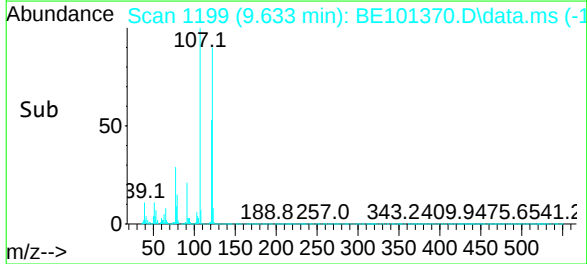
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



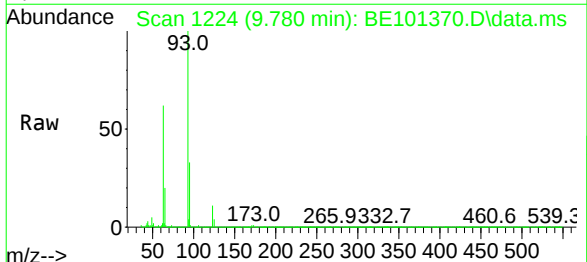
Tgt Ion: 122 Resp: 327930
Ion Ratio Lower Upper
122 100
107 111.3 86.4 129.6
121 59.4 46.3 69.5

Manual Integrations
APPROVED

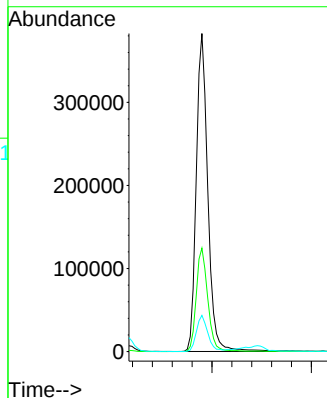
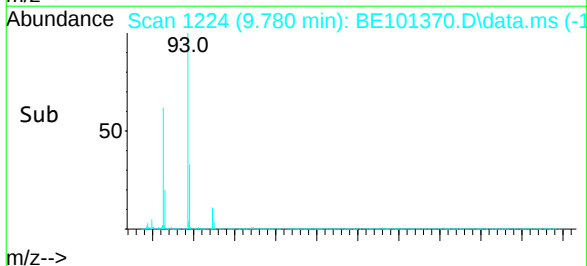
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

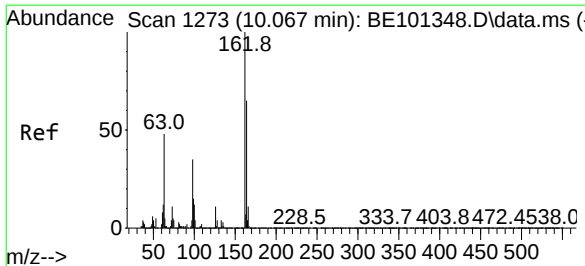


#28
bis(2-Chloroethoxy)methane
Concen: 40.538 ng
RT: 9.780 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14



Tgt Ion: 93 Resp: 616331
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.4 9.0 13.4





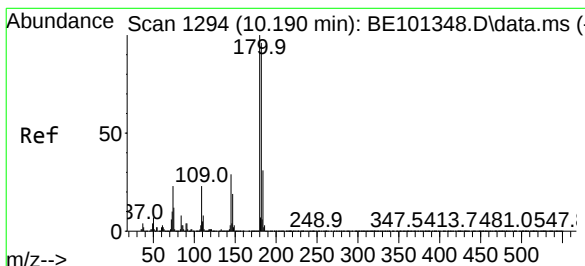
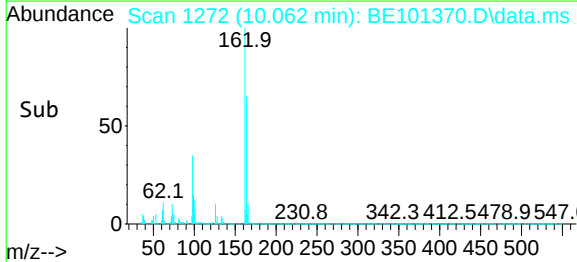
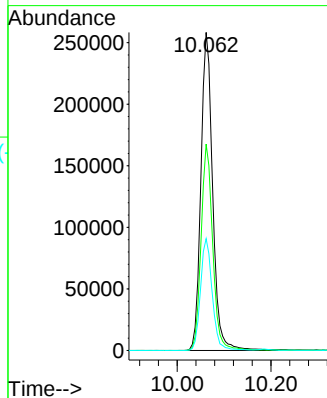
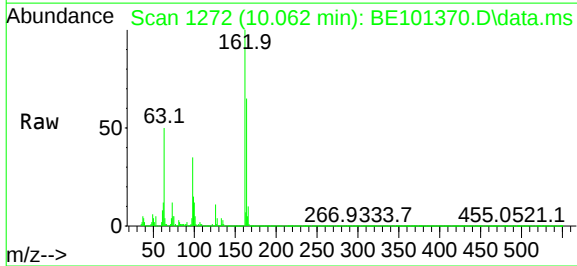
#29
2,4-Dichlorophenol
Concen: 41.468 ng
RT: 10.062 min Scan# 1273
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 451000
Ion Ratio Lower Upper
162 100
164 64.9 44.6 84.6
98 35.2 14.7 54.7

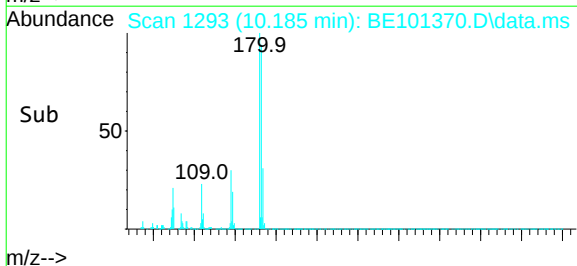
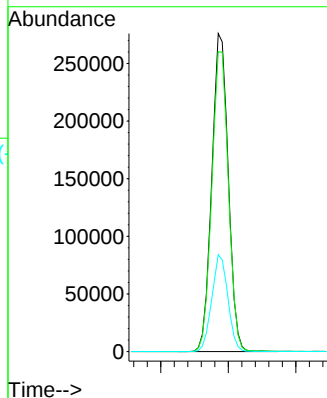
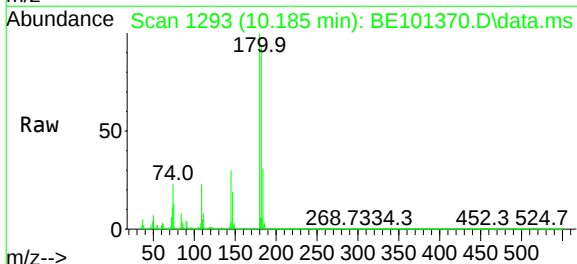
Manual Integrations
APPROVED

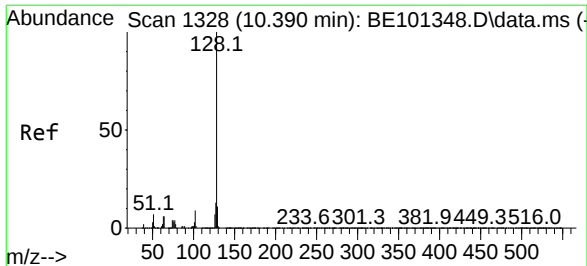
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.669 ng
RT: 10.185 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:180 Resp: 466280
Ion Ratio Lower Upper
180 100
182 94.3 76.6 114.8
145 30.5 23.5 35.3





#31

Naphthalene

Concen: 40.257 ng

RT: 10.391 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1581142

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

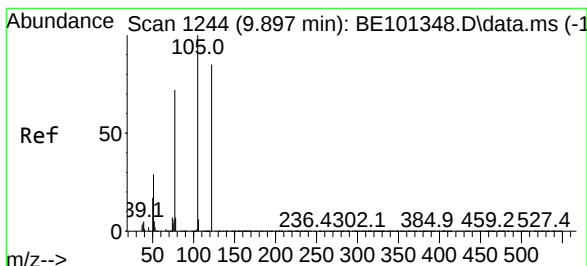
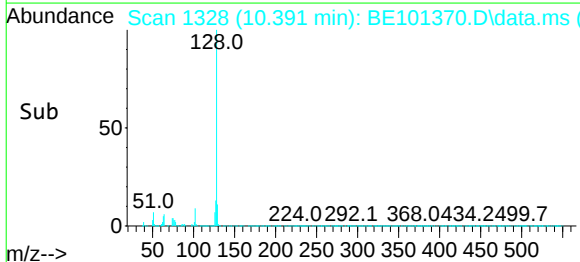
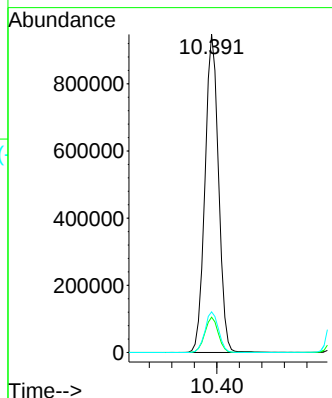
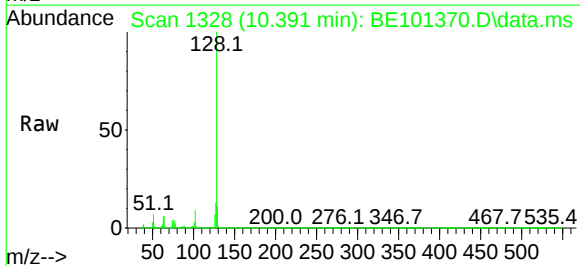
127 12.8 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#32

Benzoic acid

Concen: 40.629 ng

RT: 9.897 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

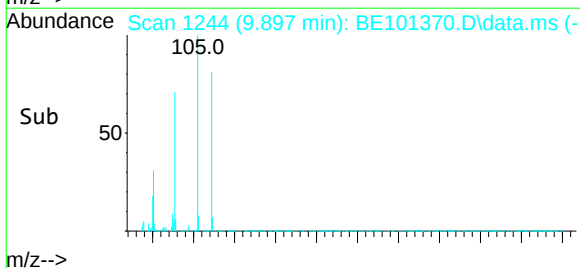
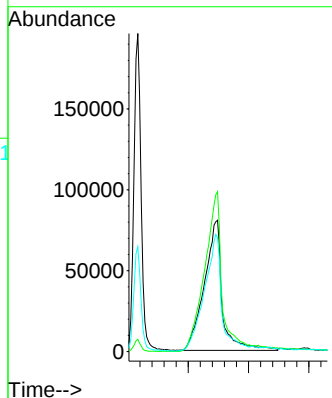
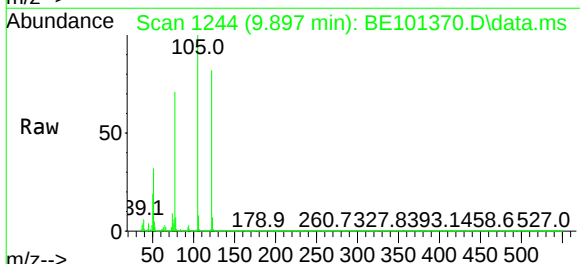
Tgt Ion:122 Resp: 332704

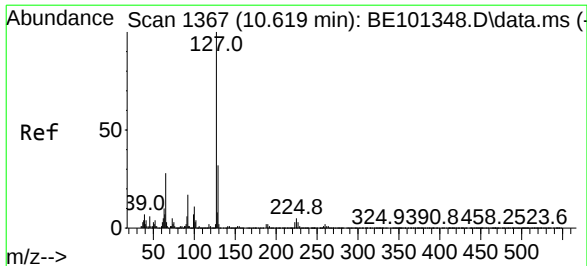
Ion Ratio Lower Upper

122 100

105 121.8 96.7 136.7

77 86.7 64.8 104.8





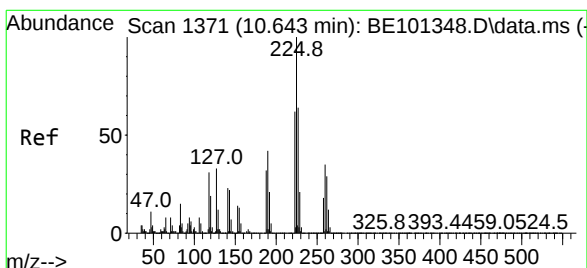
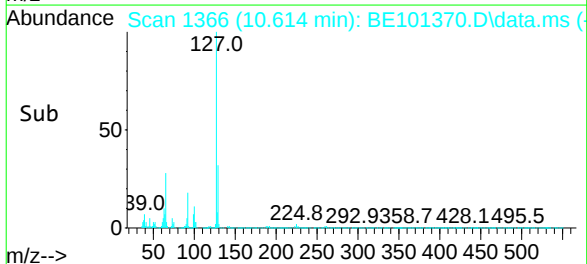
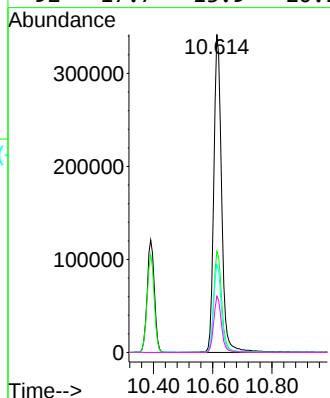
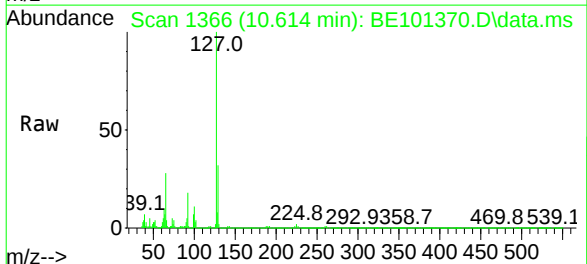
#33
4-Chloroaniline
Concen: 41.907 ng
RT: 10.614 min Scan# 1367
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	629707
Ion Ratio	Lower	Upper	
127	100		
129	31.8	25.8	38.8
65	27.7	22.5	33.7
92	17.7	13.9	20.9

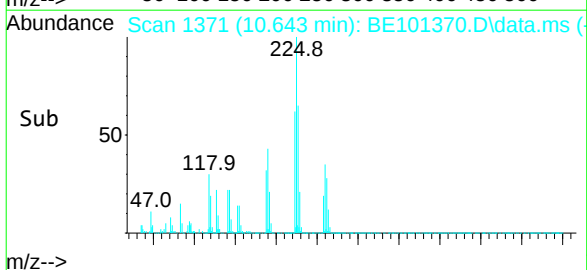
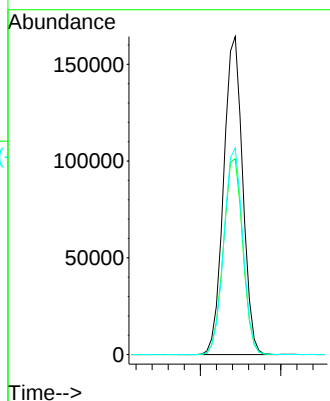
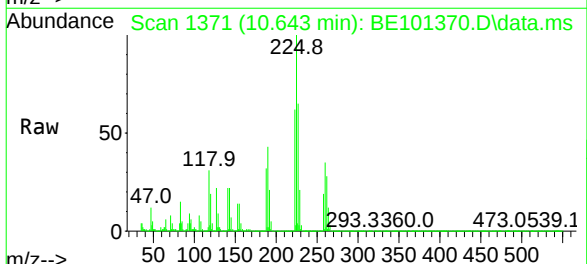
Manual Integrations
APPROVED

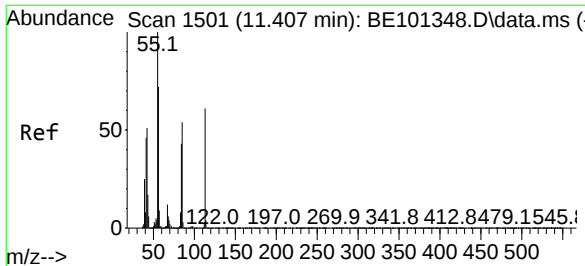
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 39.526 ng
RT: 10.643 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:	225	Resp:	269928
Ion Ratio	Lower	Upper	
225	100		
223	61.6	49.8	74.8
227	64.9	51.3	76.9





#35

Caprolactam

Concen: 43.633 ng

RT: 11.401 min Scan# 1501

Delta R.T. -0.005 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

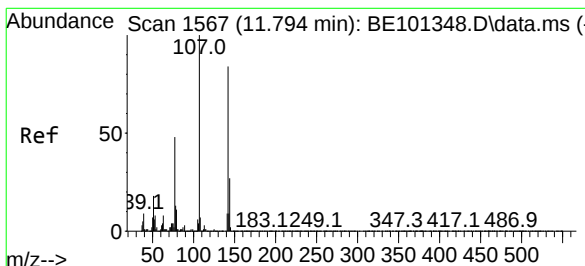
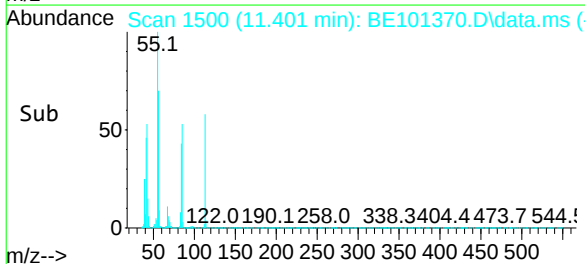
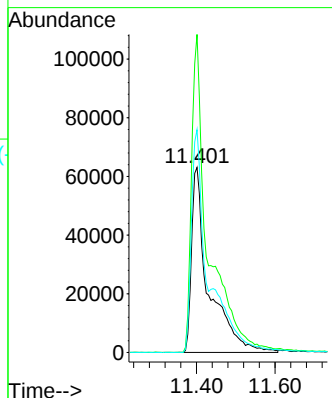
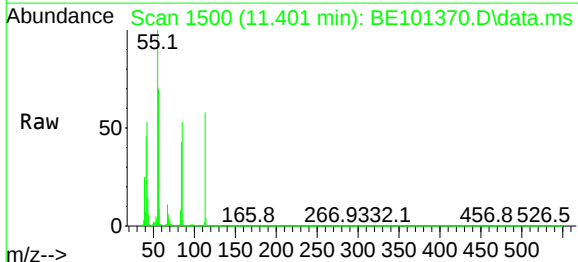
Tgt Ion:	113	Resp:	191714
Ion Ratio	Lower	Upper	
113	100		
55	171.9	144.8	184.8
56	120.4	99.3	139.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#36

4-Chloro-3-methylphenol

Concen: 41.652 ng

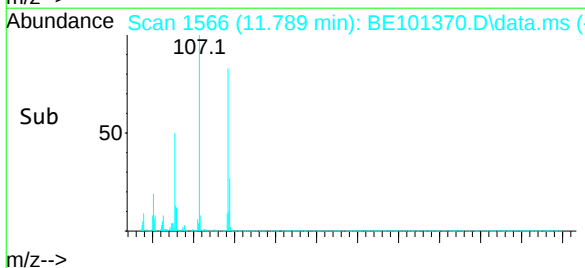
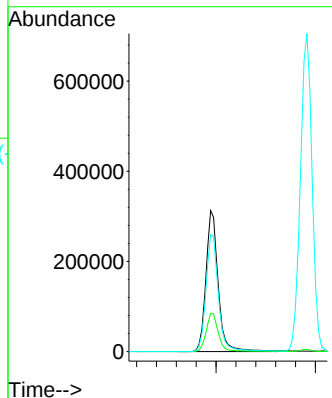
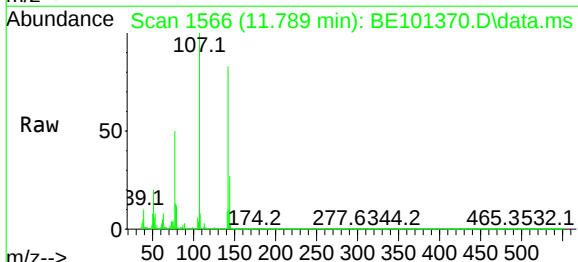
RT: 11.789 min Scan# 1566

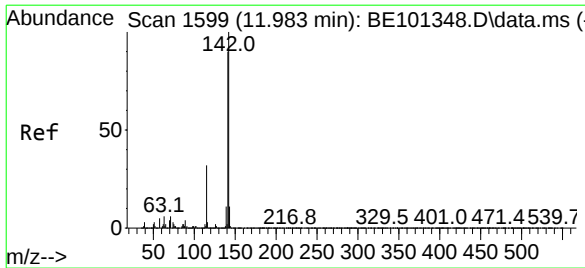
Delta R.T. -0.005 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Tgt Ion:	107	Resp:	535285
Ion Ratio	Lower	Upper	
107	100		
144	27.1	21.9	32.9
142	82.9	67.4	101.2





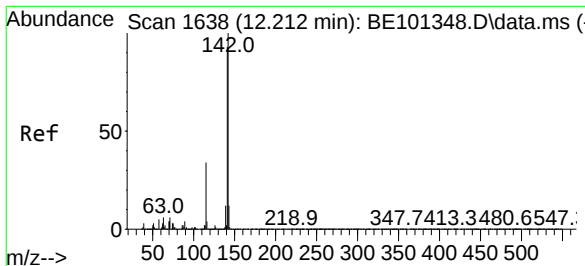
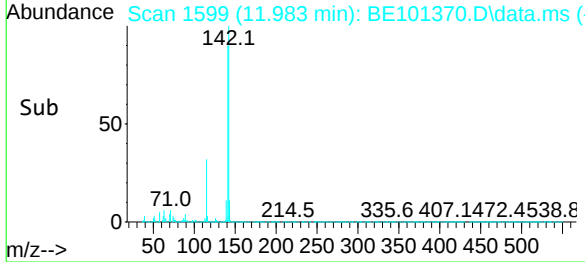
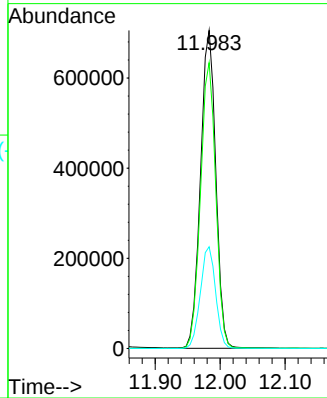
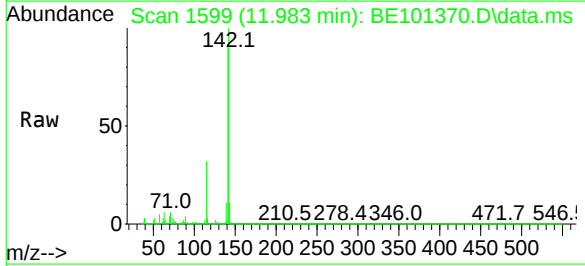
#37
2-Methylnaphthalene
Concen: 40.110 ng
RT: 11.983 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1152133
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.6
115 32.0 25.6 38.4

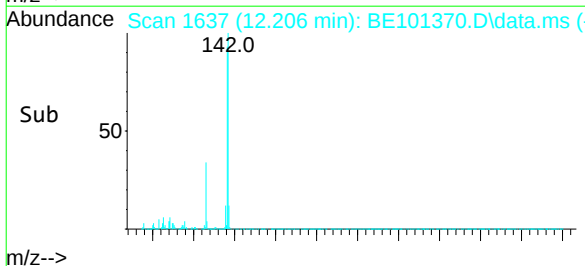
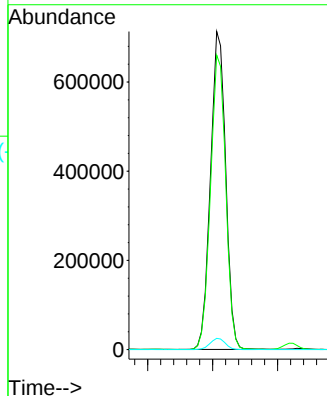
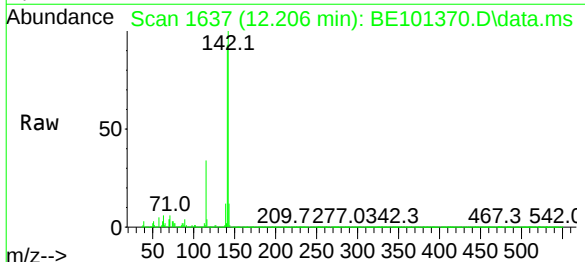
Manual Integrations
APPROVED

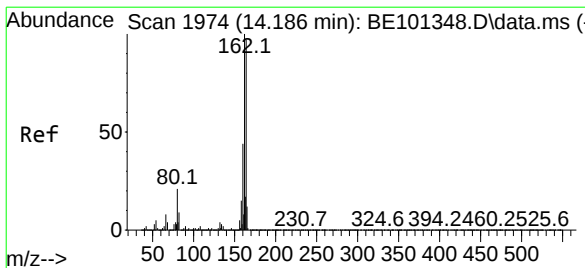
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 40.191 ng
RT: 12.206 min Scan# 1637
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:142 Resp: 1158207
Ion Ratio Lower Upper
142 100
141 92.6 74.3 111.5
116 3.5 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.186 min Scan# 19

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

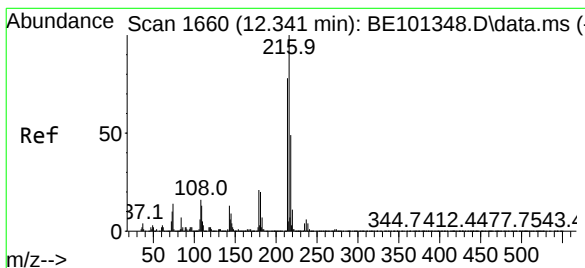
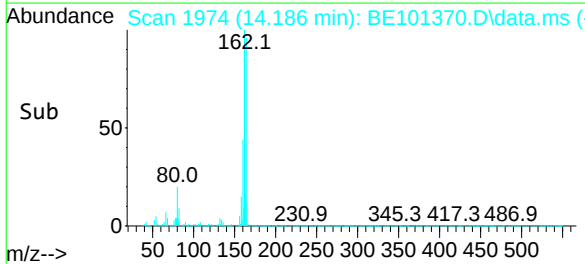
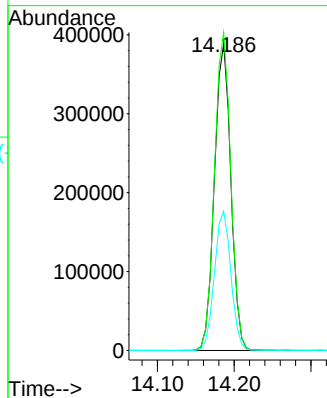
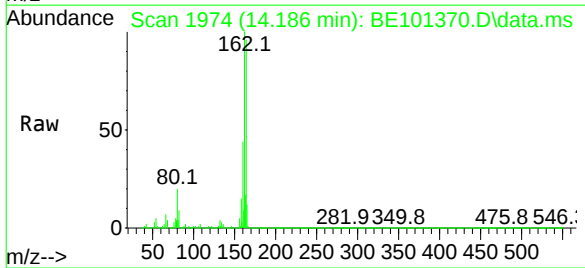
Tgt	Ion:	164	Resp:	575851
Ion	Ratio	Lower	Upper	
164	100			
162	103.7	82.6	123.8	
160	45.4	36.1	54.1	

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.963 ng

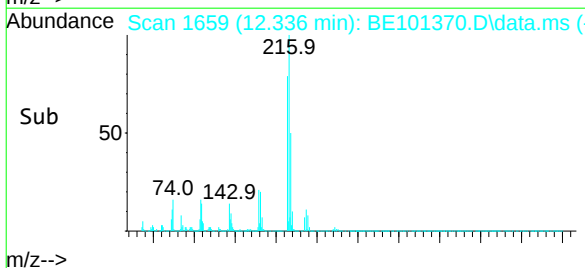
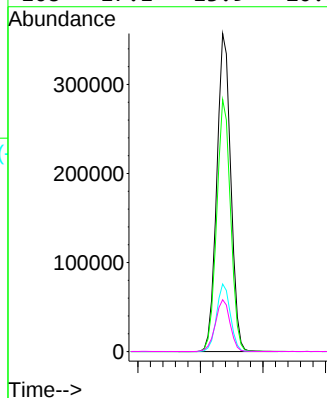
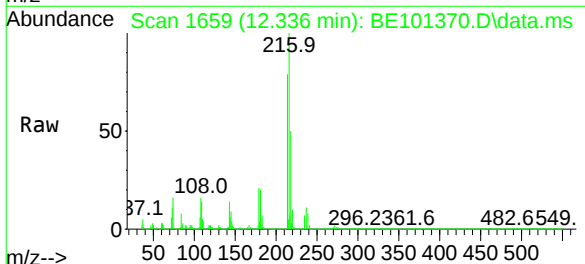
RT: 12.336 min Scan# 1659

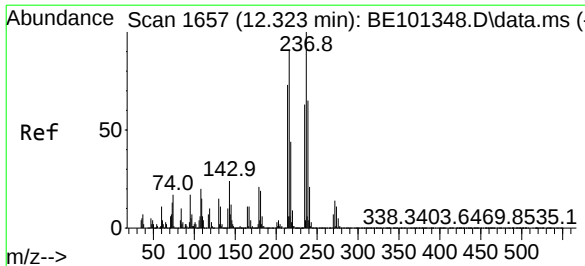
Delta R.T. -0.005 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Tgt	Ion:	216	Resp:	554355
Ion	Ratio	Lower	Upper	
216	100			
214	78.6	62.6	94.0	
179	20.9	16.9	25.3	
108	17.1	13.9	20.9	





#41

Hexachlorocyclopentadiene

Concen: 41.279 ng

RT: 12.324 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

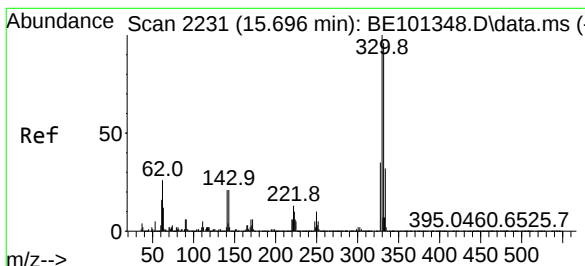
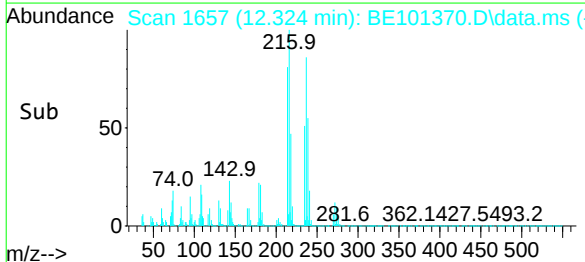
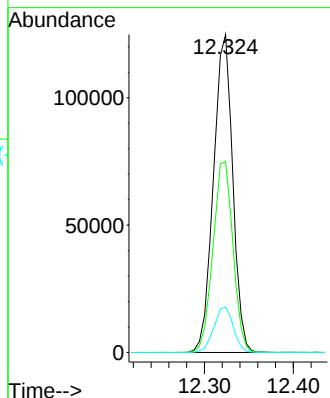
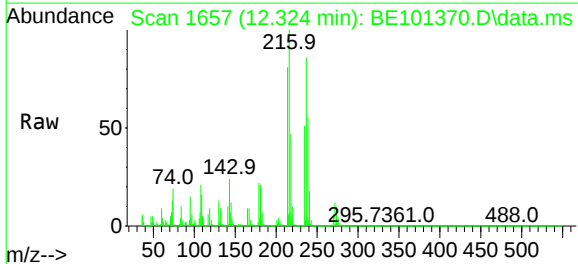
SSTDCCC040

Tgt Ion:	237	Resp:	188149
Ion Ratio	Lower	Upper	
237	100		
235	60.0	42.9	82.9
272	14.3	0.0	34.0

Manual Integrations

APPROVED

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



#42

2,4,6-Tribromophenol

Concen: 83.880 ng

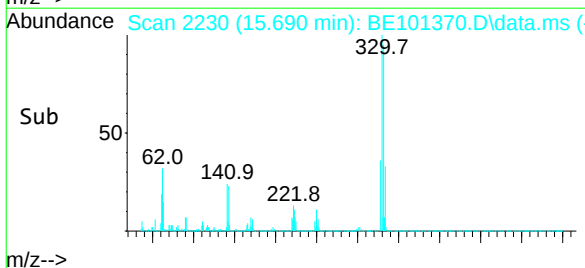
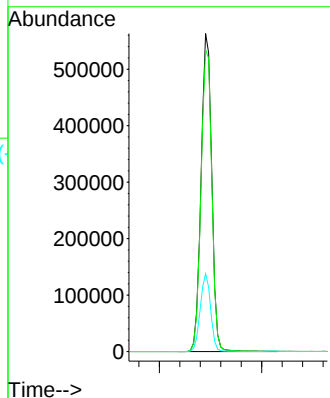
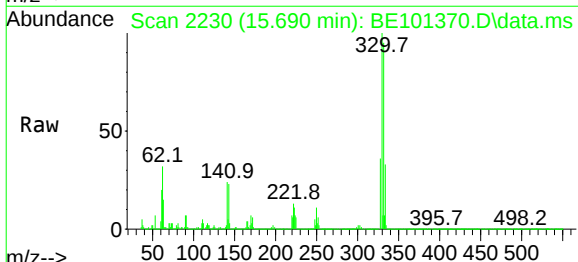
RT: 15.690 min Scan# 2230

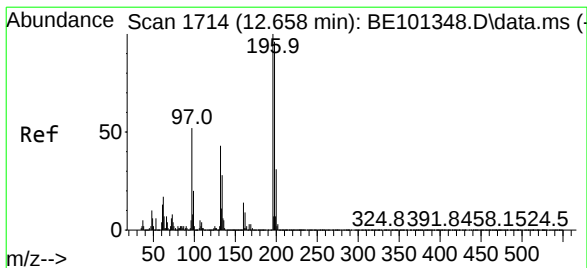
Delta R.T. -0.005 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Tgt Ion:	330	Resp:	812429
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.8	116.8
141	23.8	19.1	28.7





#43

2,4,6-Trichlorophenol

Concen: 41.895 ng

RT: 12.659 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

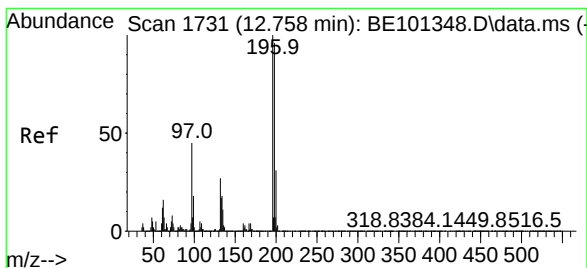
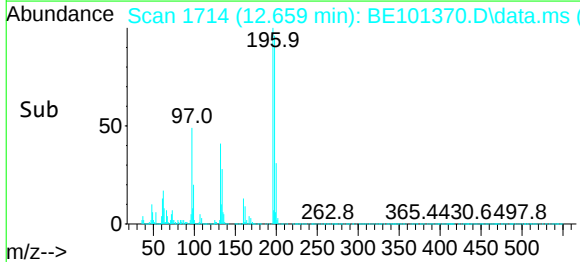
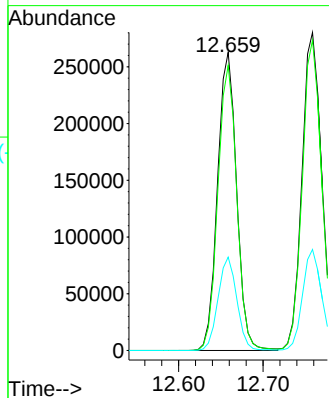
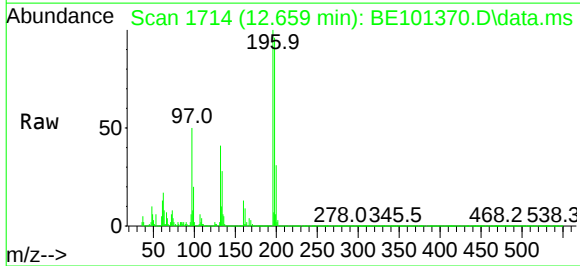
Tgt	Ion	196	Resp:	411581
Ion	Ratio	Lower	Upper	
196	100			
198	95.6	76.8	115.2	
200	31.3	25.0	37.4	

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 41.966 ng

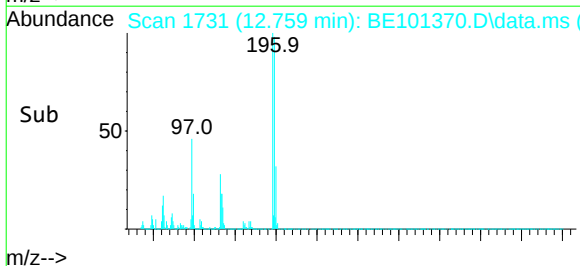
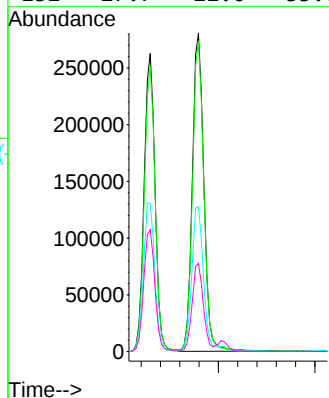
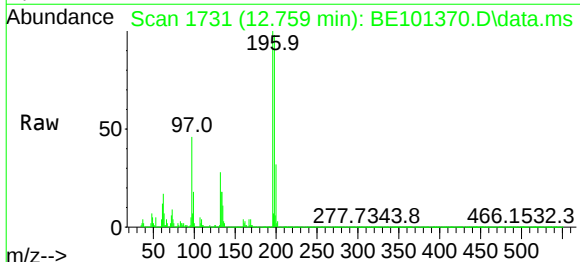
RT: 12.759 min Scan# 1731

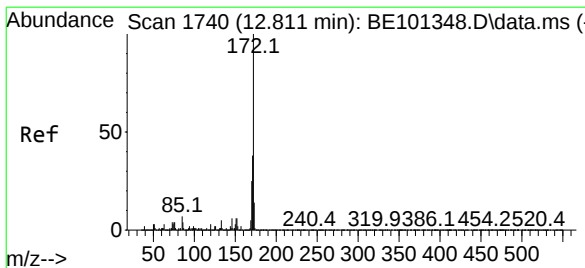
Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Tgt	Ion	196	Resp:	465164
Ion	Ratio	Lower	Upper	
196	100			
198	97.6	76.9	115.3	
97	45.5	36.2	54.2	
132	27.7	22.0	33.0	





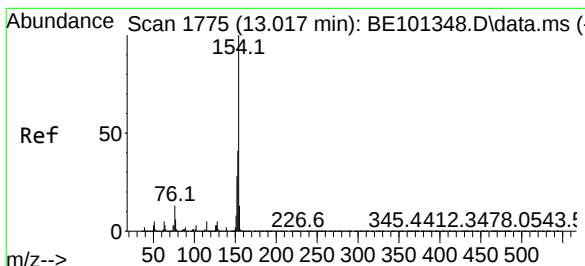
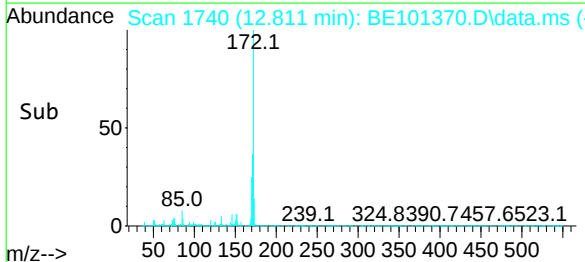
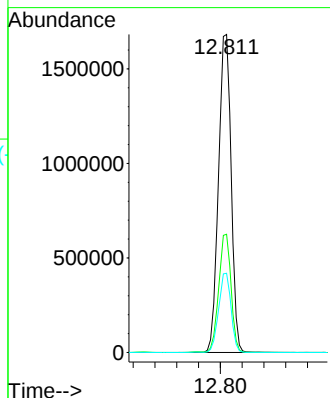
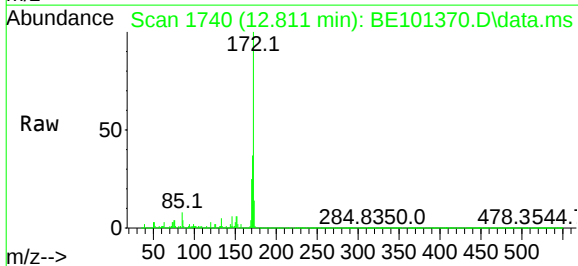
#45
2-Fluorobiphenyl
Concen: 81.226 ng
RT: 12.811 min Scan# 1740
Delta R.T. 0.001 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2706730
Ion Ratio Lower Upper
172 100
171 37.2 30.2 45.2
170 24.9 20.2 30.4

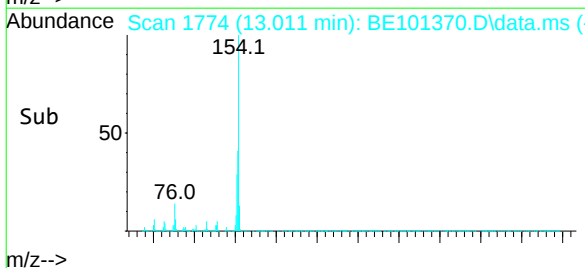
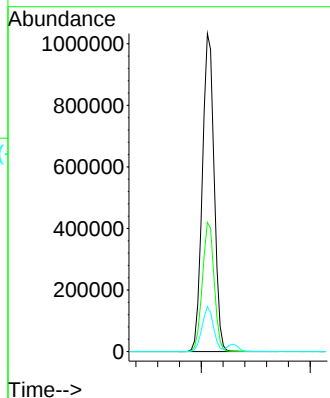
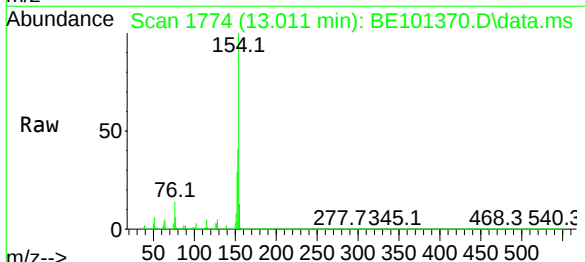
Manual Integrations
APPROVED

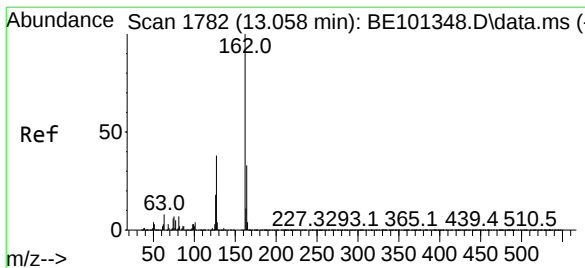
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#46
1,1'-Biphenyl
Concen: 39.819 ng
RT: 13.011 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:154 Resp: 1553826
Ion Ratio Lower Upper
154 100
153 40.6 21.2 61.2
76 14.2 0.0 33.4





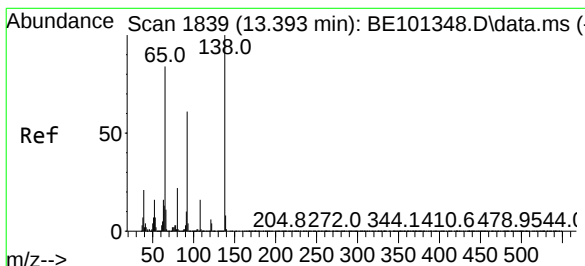
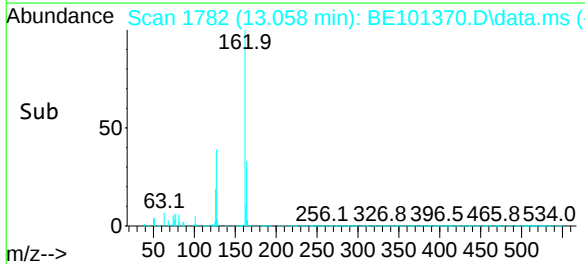
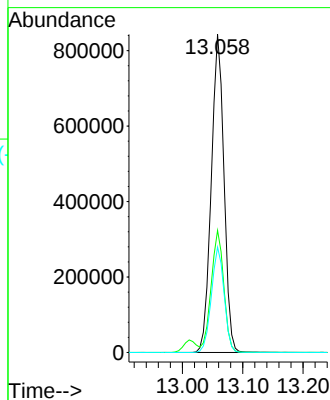
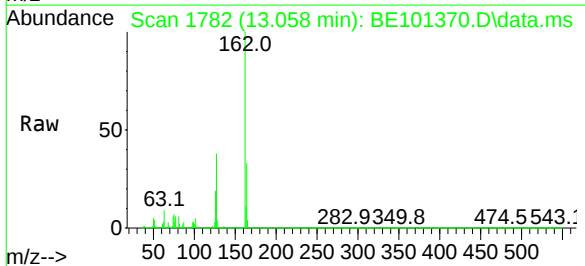
#47
2-Chloronaphthalene
Concen: 40.225 ng
RT: 13.058 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion: 162 Resp: 1234754
Ion Ratio Lower Upper
162 100
127 38.4 31.2 46.8
164 33.1 26.2 39.2

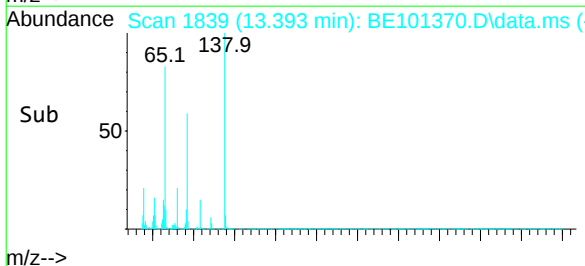
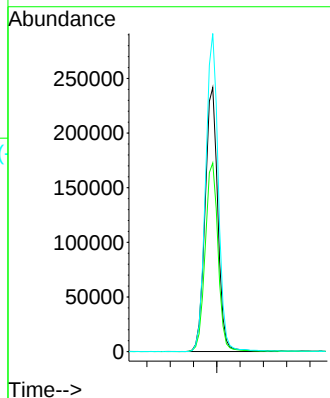
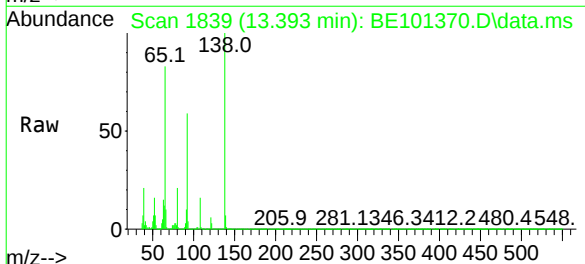
Manual Integrations
APPROVED

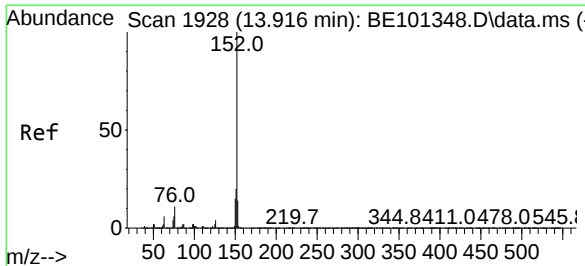
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#48
2-Nitroaniline
Concen: 44.533 ng
RT: 13.393 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion: 65 Resp: 367790
Ion Ratio Lower Upper
65 100
92 71.5 58.3 87.5
138 120.5 95.0 142.4





#49

Acenaphthylene

Concen: 40.637 ng

RT: 13.916 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1861300

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

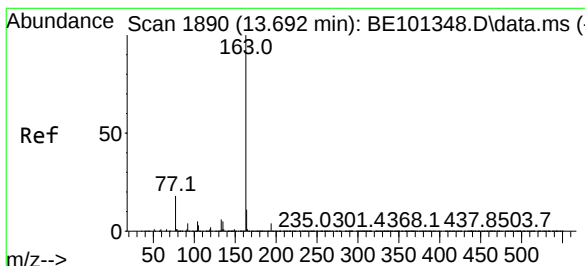
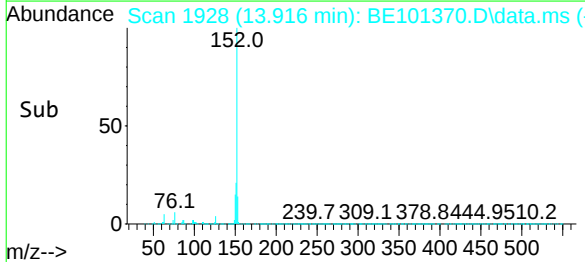
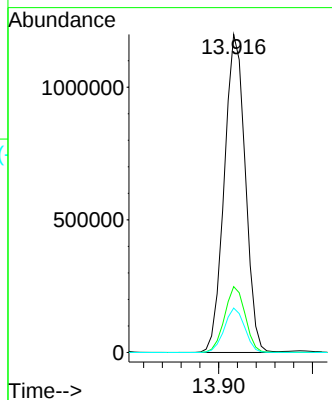
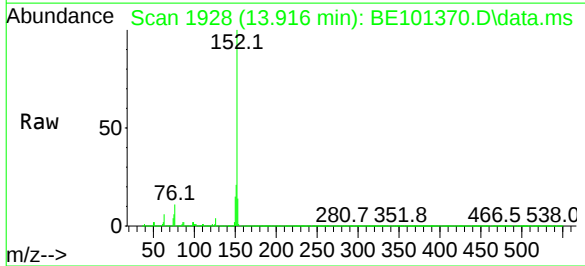
153 14.0 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

Concen: 39.904 ng

RT: 13.693 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

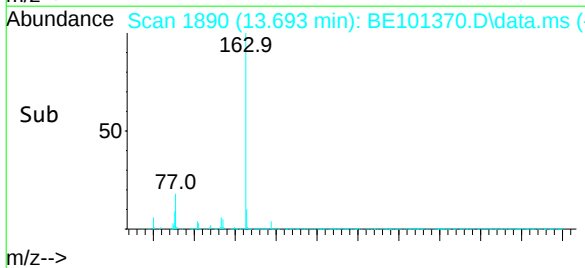
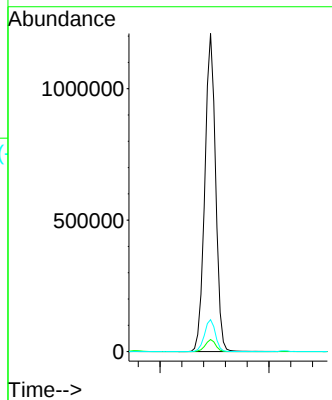
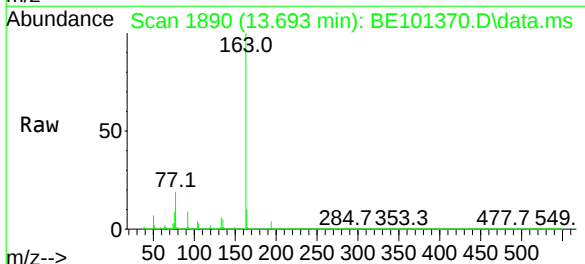
Tgt Ion:163 Resp: 1658119

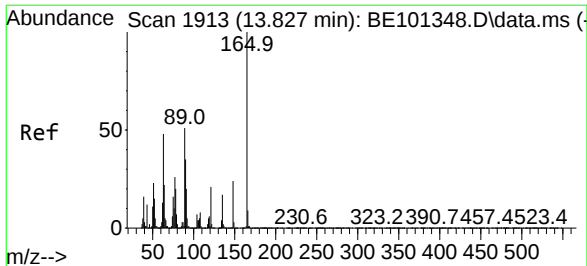
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.0 8.5 12.7





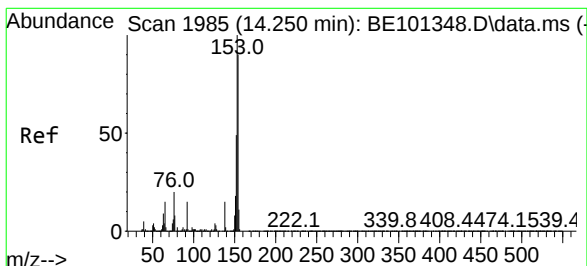
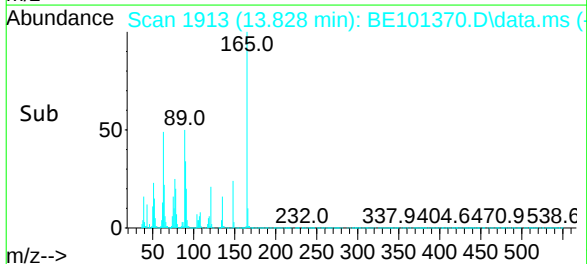
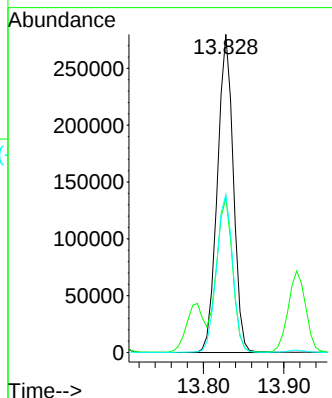
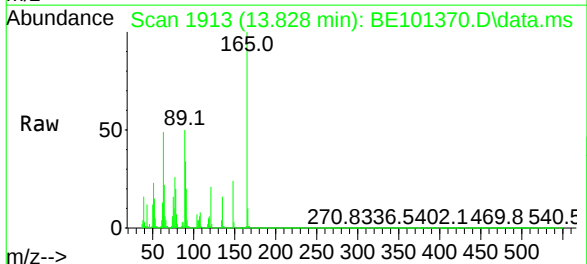
#51
2,6-Dinitrotoluene
Concen: 41.408 ng
RT: 13.828 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.6	38.5	57.7
89	49.6	40.5	60.7

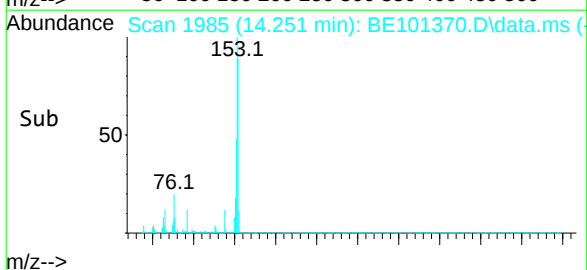
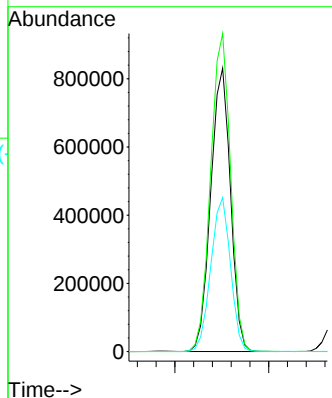
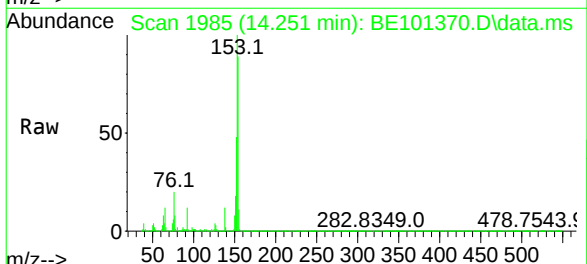
Manual Integrations
APPROVED

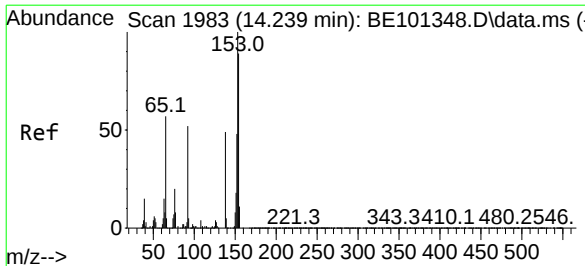
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 40.282 ng
RT: 14.251 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.8	133.2
152	54.3	43.2	64.8





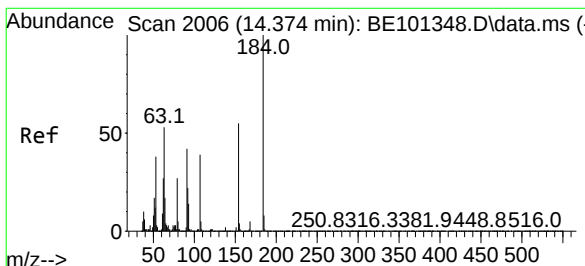
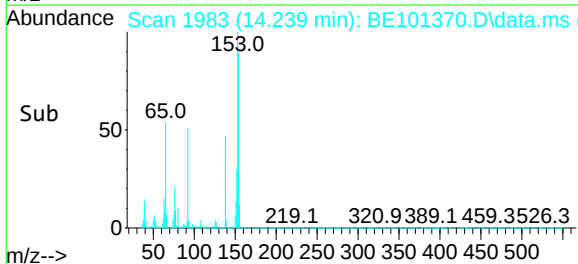
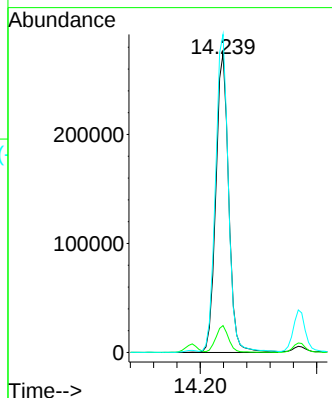
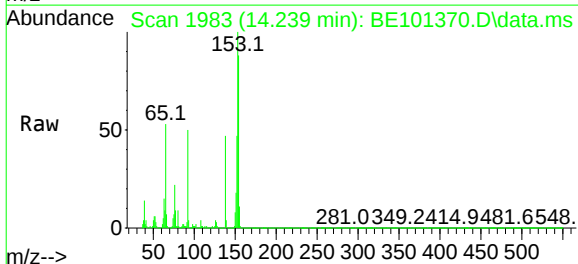
#53
3-Nitroaniline
Concen: 44.028 ng
RT: 14.239 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 421157
Ion Ratio Lower Upper
138 100
108 9.0 7.2 10.8
92 106.5 85.7 128.5

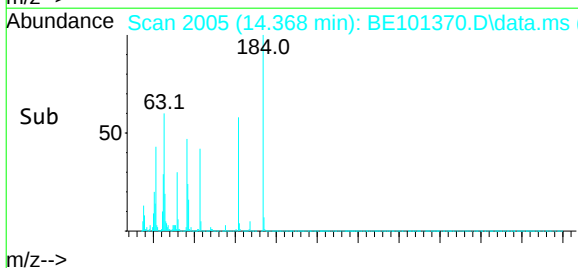
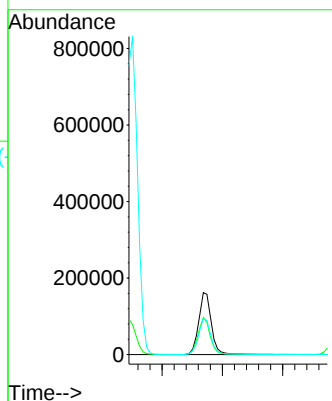
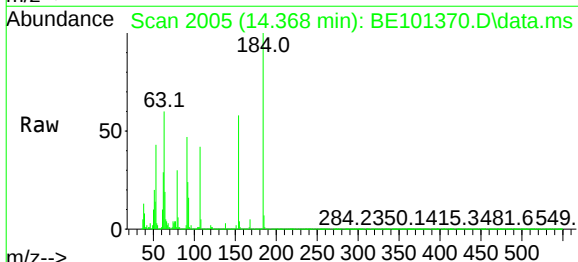
Manual Integrations
APPROVED

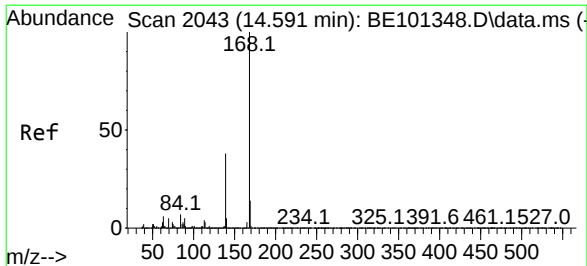
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 42.643 ng
RT: 14.368 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

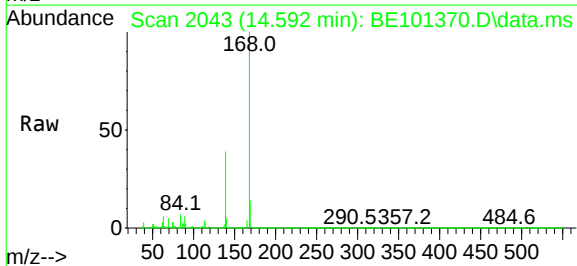
Tgt Ion:184 Resp: 236055
Ion Ratio Lower Upper
184 100
63 60.0 42.5 63.7
154 58.2 44.2 66.2





#55
Dibenzofuran
Concen: 39.888 ng
RT: 14.592 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

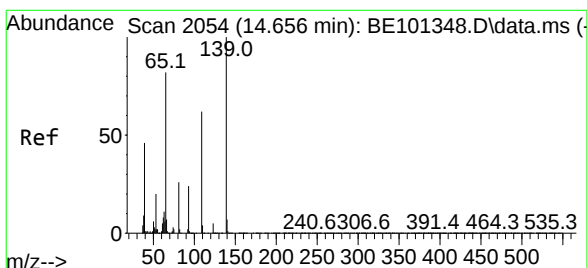
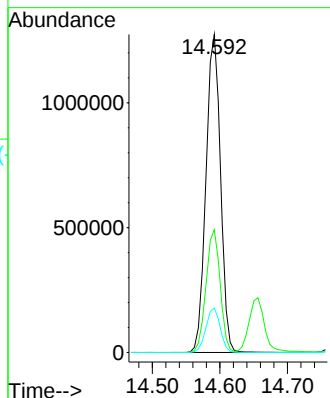
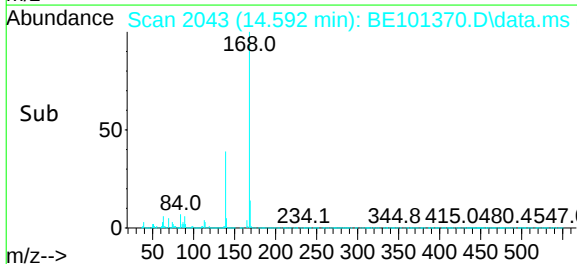
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 1902308
Ion Ratio Lower Upper
168 100
139 38.6 30.5 45.7
169 14.0 11.4 17.2

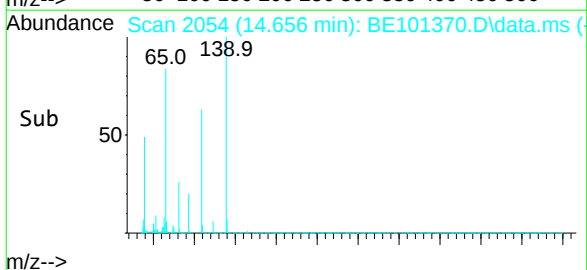
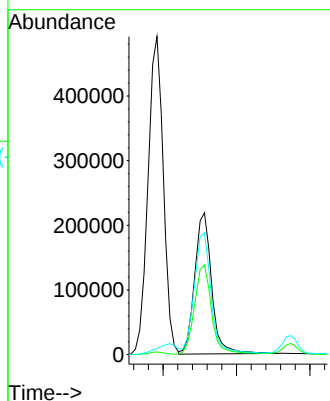
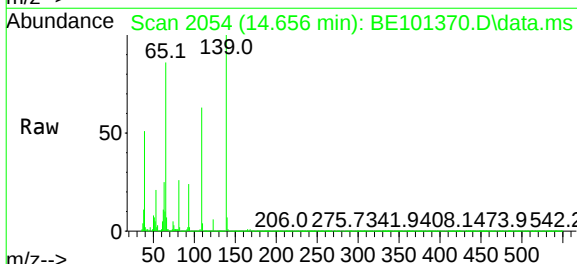
Manual Integrations
APPROVED

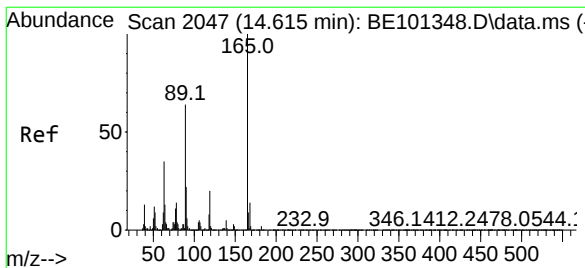
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 44.001 ng
RT: 14.656 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

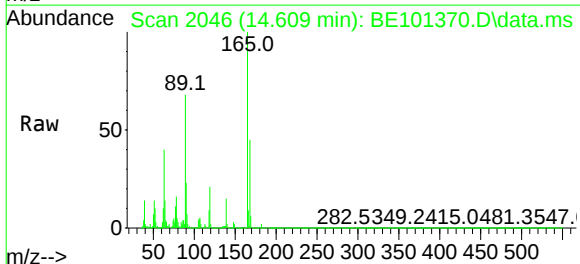
Tgt Ion:139 Resp: 349916
Ion Ratio Lower Upper
139 100
109 63.2 41.9 81.9
65 85.8 63.0 103.0





#57
2,4-Dinitrotoluene
Concen: 43.129 ng
RT: 14.609 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

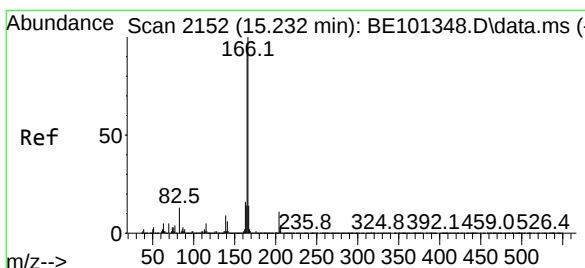
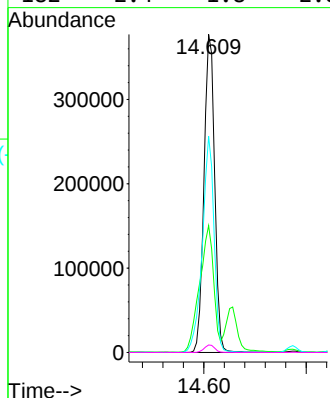
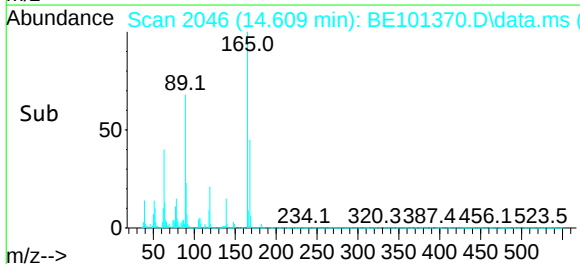
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



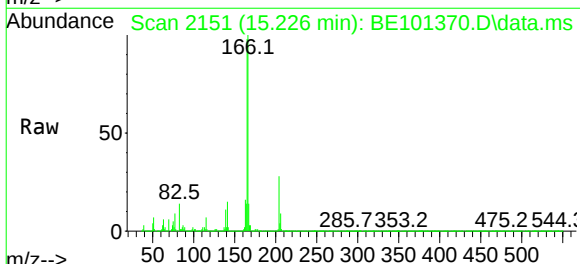
Tgt Ion:165 Resp: 545983
Ion Ratio Lower Upper
165 100
63 39.9 28.4 42.6
89 68.0 51.0 76.4
182 2.4 1.8 2.8

Manual Integrations
APPROVED

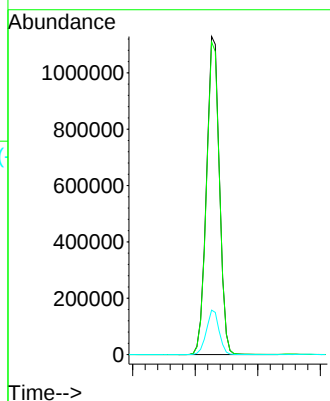
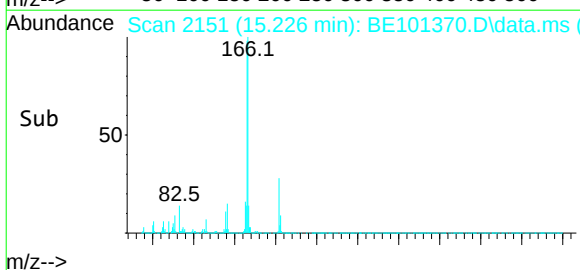
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

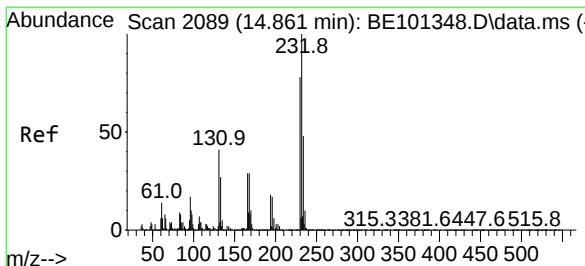


#58
Fluorene
Concen: 40.343 ng
RT: 15.226 min Scan# 2151
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14



Tgt Ion:166 Resp: 1621138
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 14.0 11.0 16.6





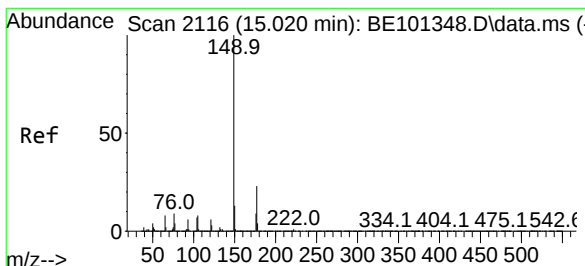
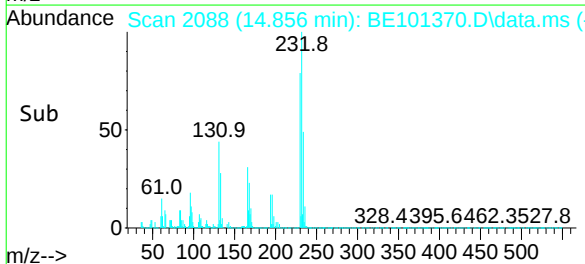
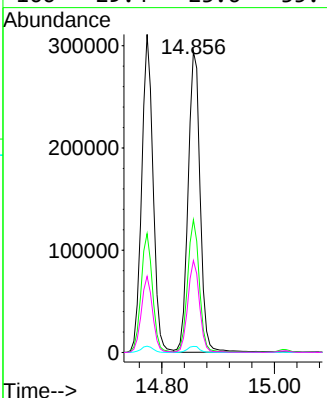
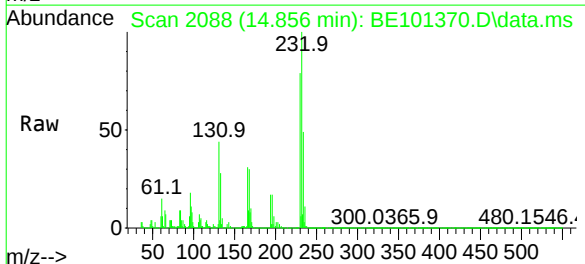
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.497 ng
RT: 14.856 min Scan# 2089
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion: 232 Resp: 434991
Ion Ratio Lower Upper
232 100
131 42.3 34.2 51.4
130 2.1 1.8 2.6
166 29.4 23.6 35.4

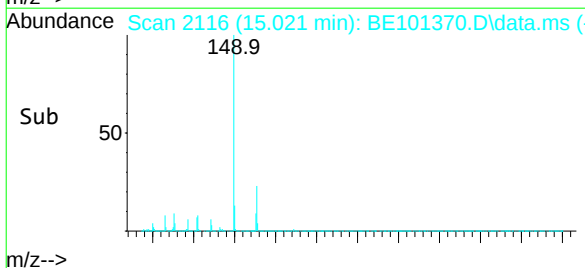
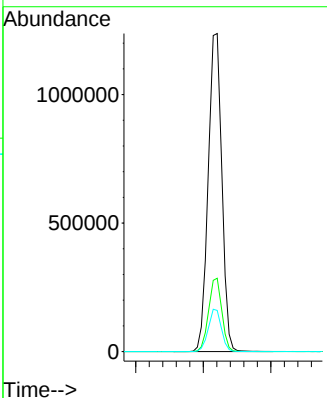
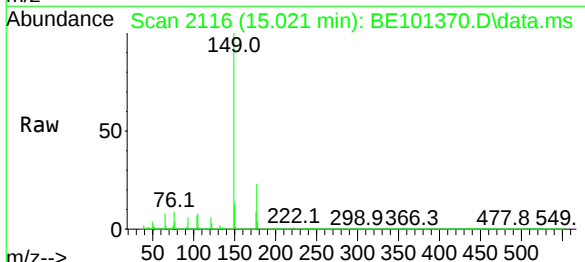
Manual Integrations
APPROVED

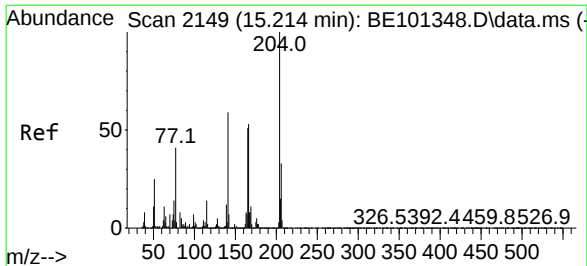
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#60
Diethylphthalate
Concen: 40.298 ng
RT: 15.021 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion: 149 Resp: 1737280
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.9 10.0 15.0





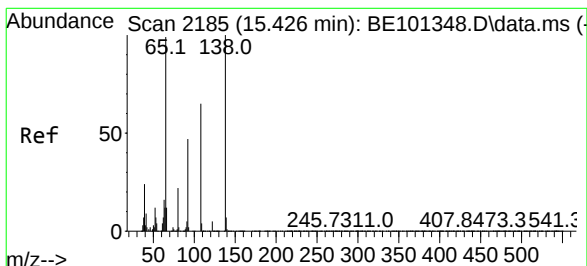
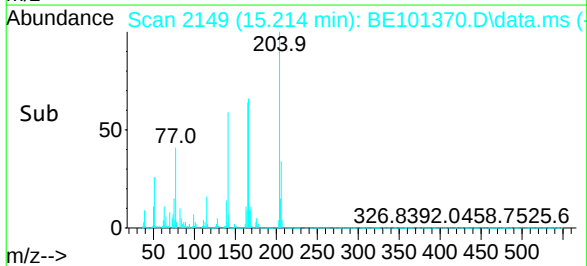
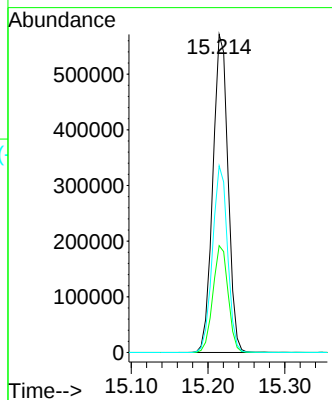
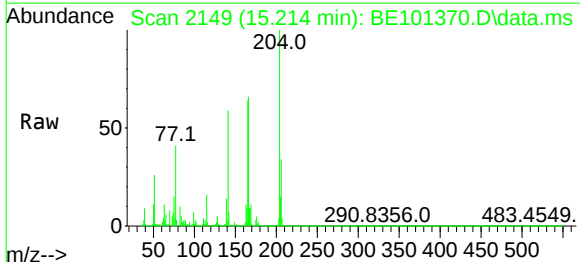
#61
4-Chlorophenyl-phenylether
Concen: 39.868 ng
RT: 15.214 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	58.7	47.2	70.8

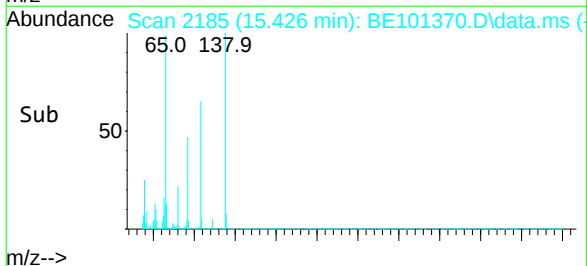
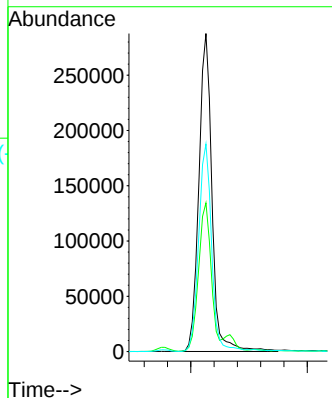
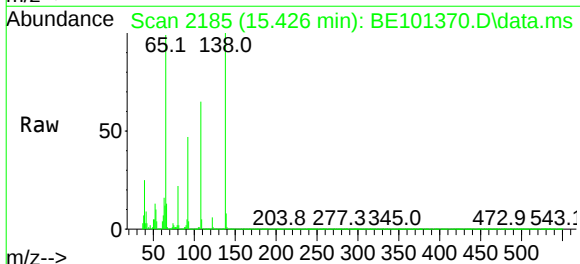
Manual Integrations
APPROVED

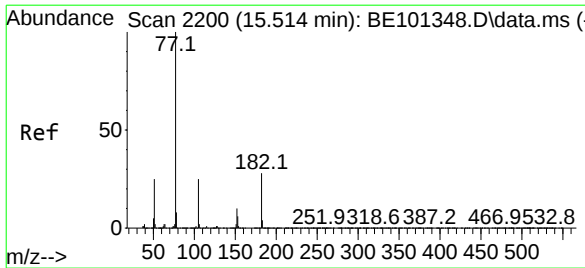
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 45.106 ng
RT: 15.426 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	26.8	66.8
108	65.3	44.7	84.7





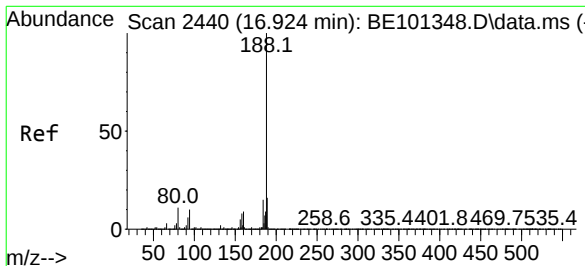
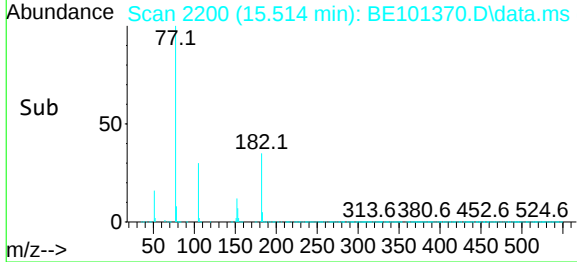
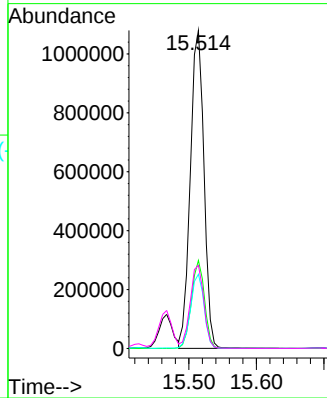
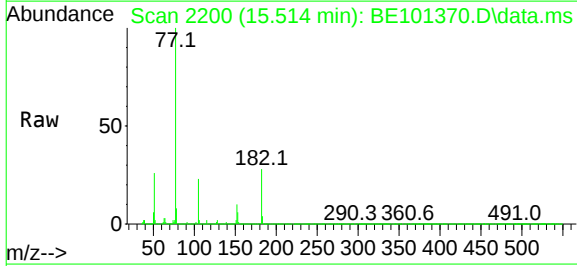
#63
Azobenzene
Concen: 41.098 ng
RT: 15.514 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1514045
Ion Ratio Lower Upper
77 100
182 27.7 7.8 47.8
105 23.3 4.3 44.3
51 26.2 6.3 46.3

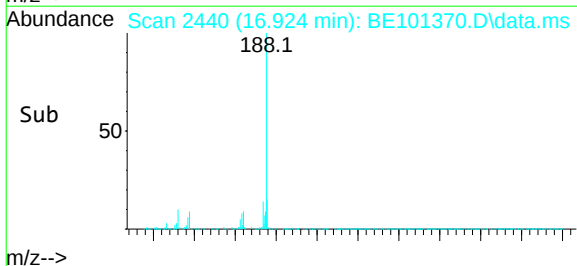
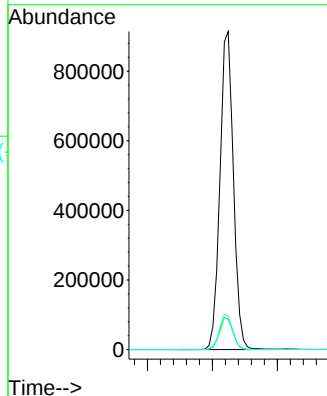
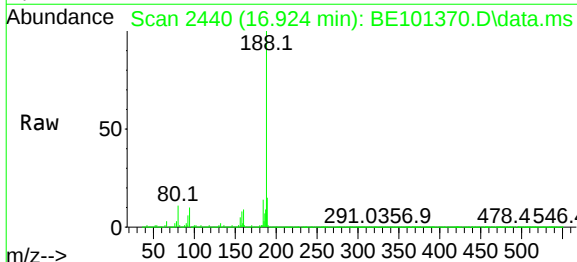
Manual Integrations
APPROVED

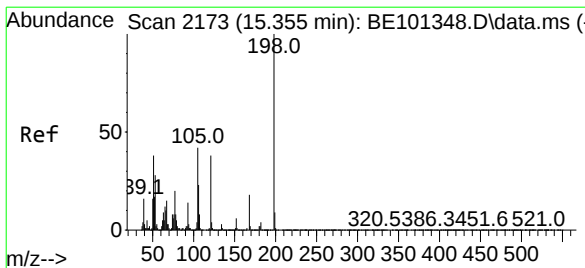
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.924 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:188 Resp: 1314926
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.6 8.6 13.0





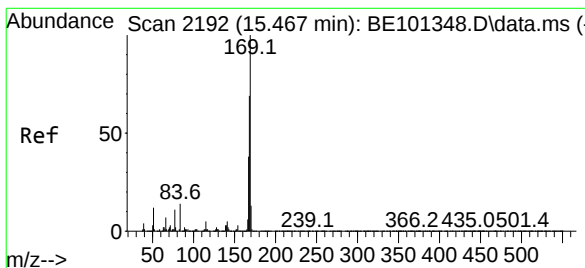
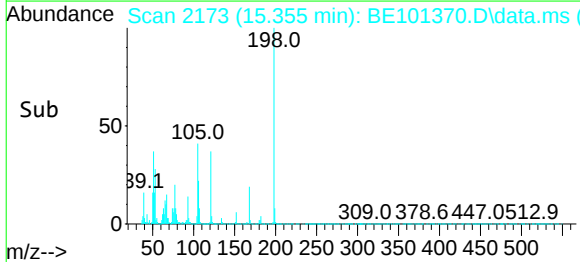
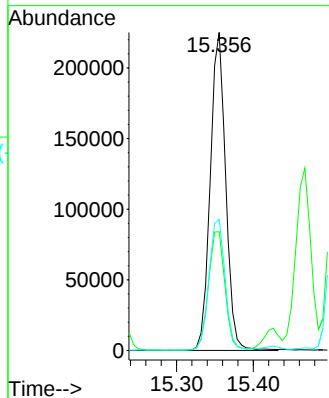
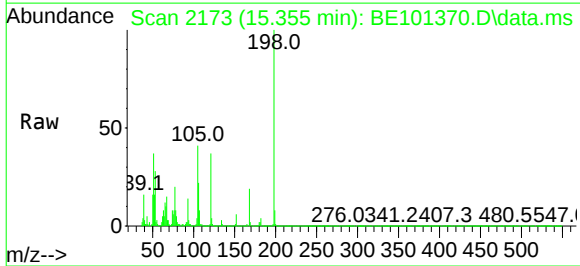
#65
4,6-Dinitro-2-methylphenol
Concen: 42.070 ng
RT: 15.355 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 314118
Ion Ratio Lower Upper
198 100
51 37.3 18.1 58.1
105 41.2 22.0 62.0

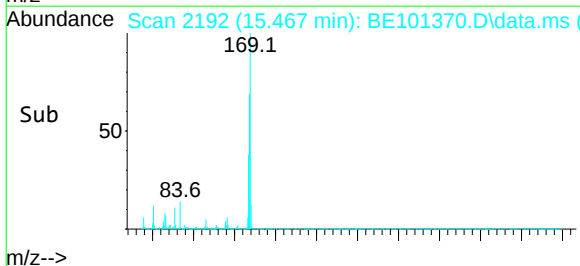
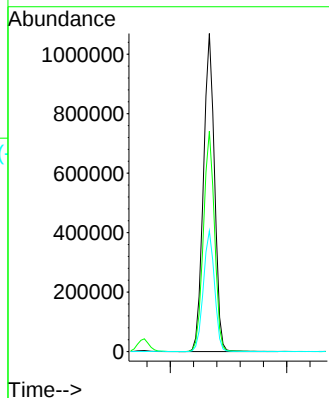
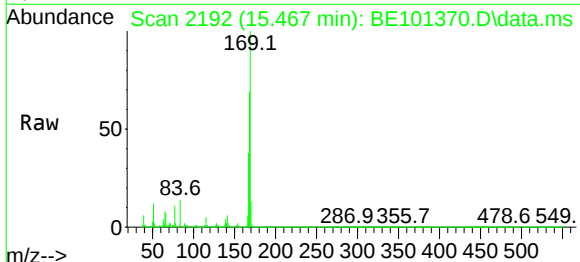
Manual Integrations
APPROVED

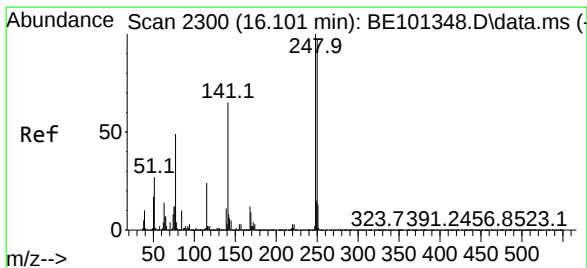
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 40.498 ng
RT: 15.467 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:169 Resp: 1419446
Ion Ratio Lower Upper
169 100
168 69.3 55.1 82.7
167 38.0 30.5 45.7





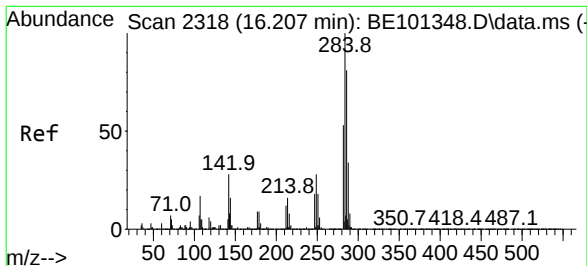
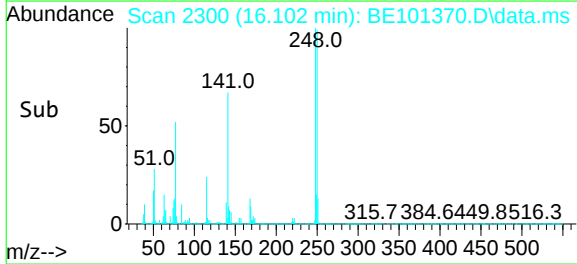
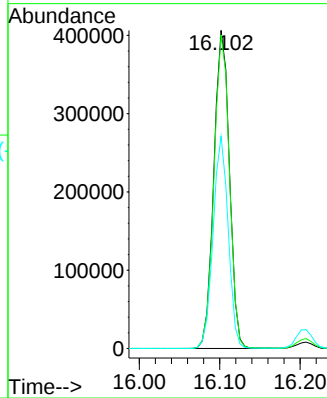
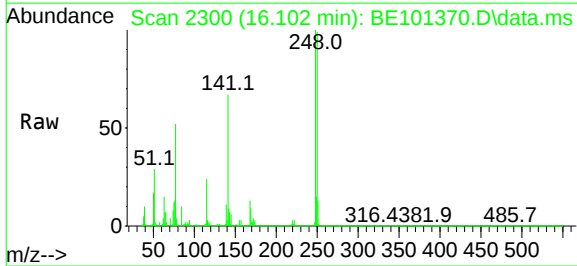
#67
4-Bromophenyl-phenylether
Concen: 40.026 ng
RT: 16.102 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion: 248 Resp: 546760
Ion Ratio Lower Upper
248 100
250 98.6 77.7 116.5
141 66.7 51.8 77.8

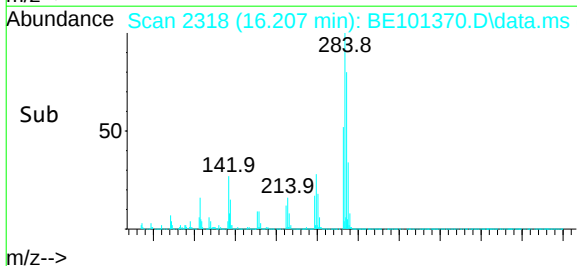
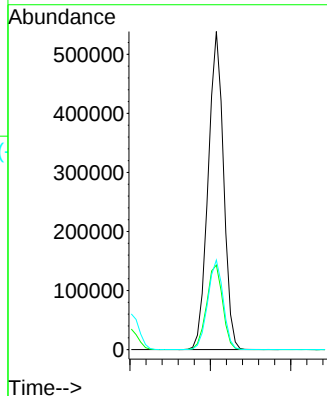
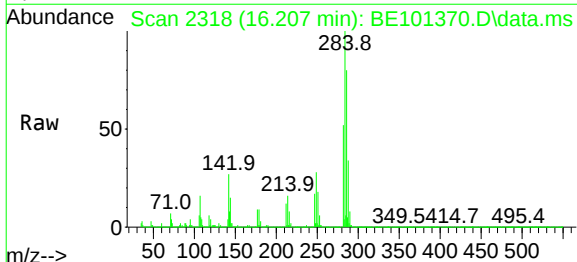
Manual Integrations
APPROVED

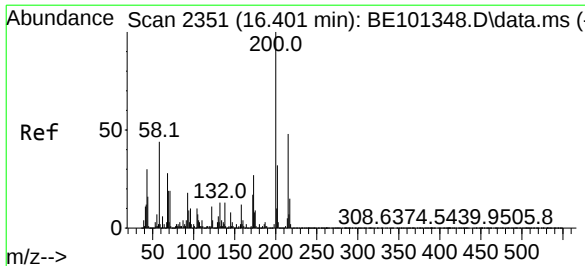
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 40.581 ng
RT: 16.207 min Scan# 2318
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion: 284 Resp: 716429
Ion Ratio Lower Upper
284 100
142 26.6 22.1 33.1
249 28.1 22.7 34.1





#69

Atrazine

Concen: 35.323 ng

RT: 16.401 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

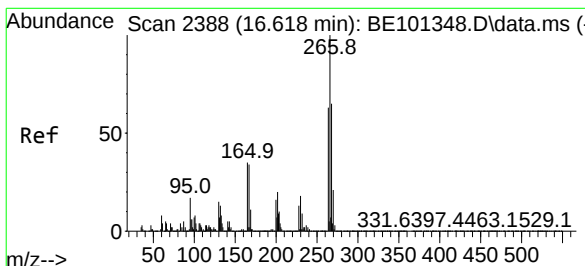
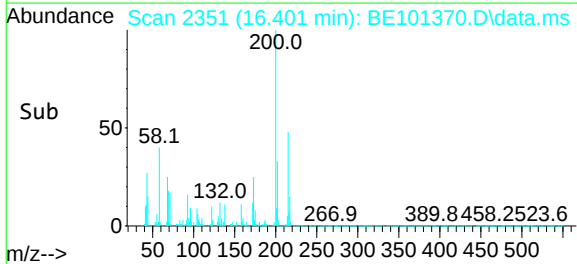
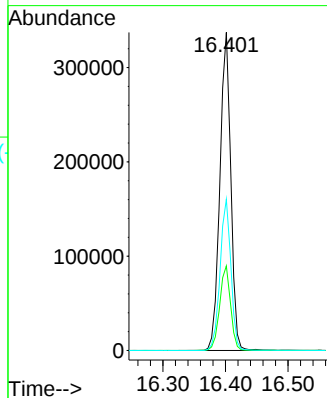
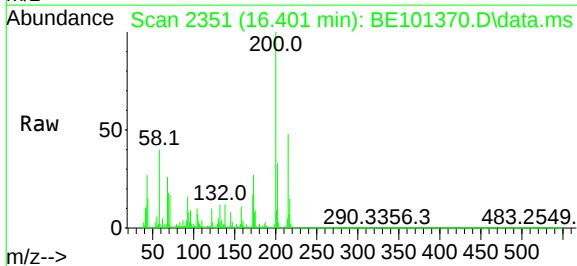
Tgt	Ion:200	Resp:	408822
Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.9	46.9
215	47.5	27.8	67.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 43.006 ng

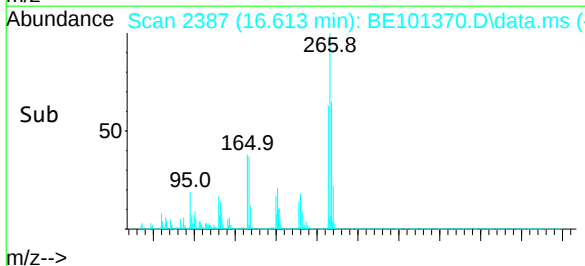
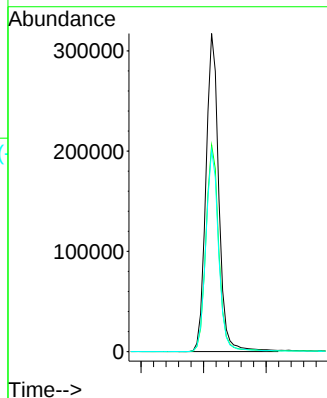
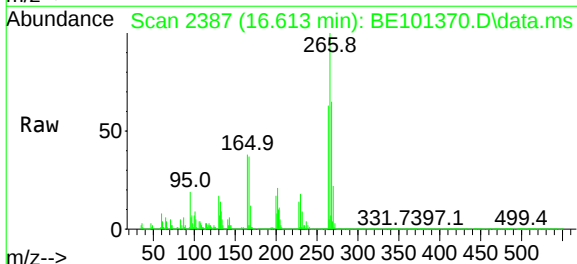
RT: 16.613 min Scan# 2387

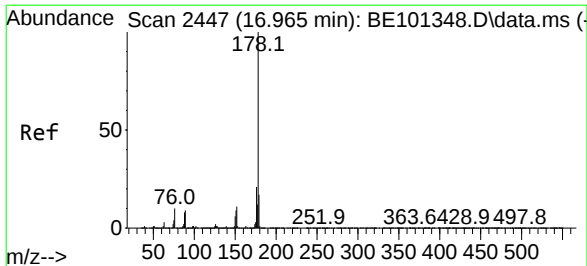
Delta R.T. -0.005 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

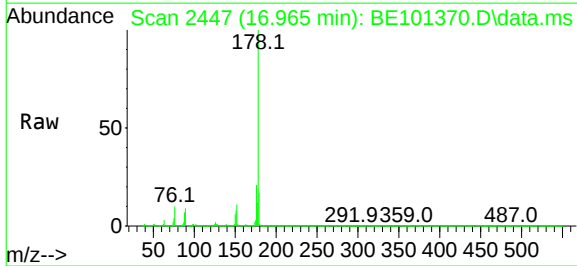
Tgt	Ion:266	Resp:	453636
Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.2	78.4
264	63.4	50.5	75.7





#71
Phenanthrene
Concen: 40.502 ng
RT: 16.965 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

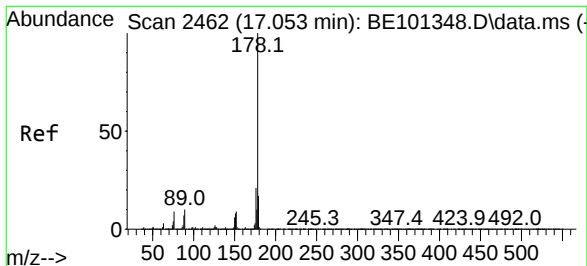
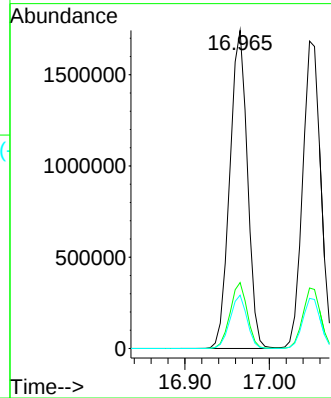
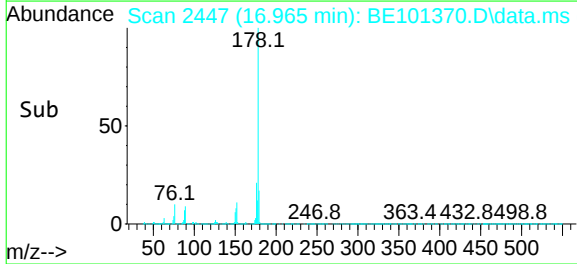
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 2529416
Ion Ratio Lower Upper
178 100
176 20.7 16.8 25.2
179 16.8 13.3 19.9

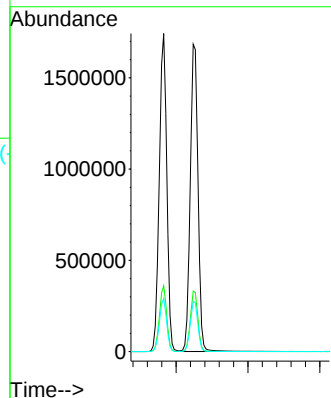
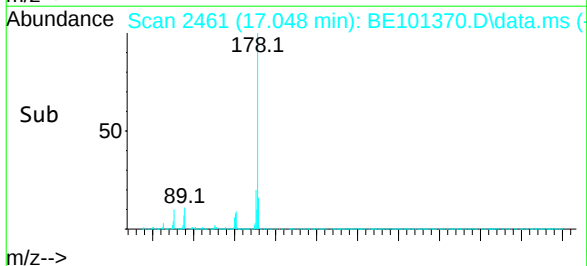
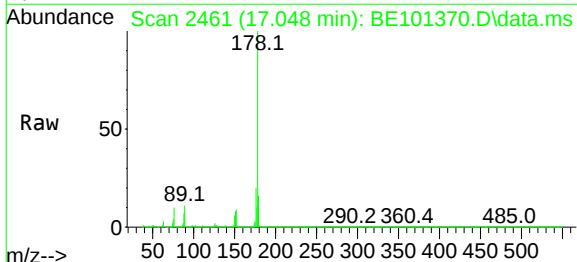
Manual Integrations
APPROVED

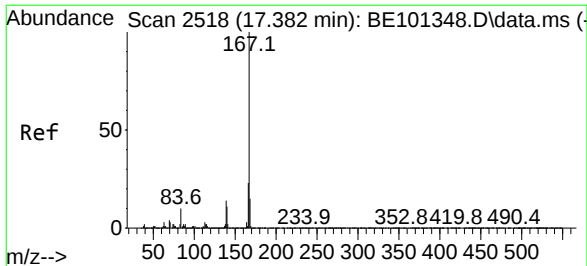
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 41.572 ng
RT: 17.048 min Scan# 2461
Delta R.T. -0.005 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:178 Resp: 2526452
Ion Ratio Lower Upper
178 100
176 19.7 16.4 24.6
179 16.3 13.4 20.0





#73

Carbazole

Concen: 41.128 ng

RT: 17.383 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

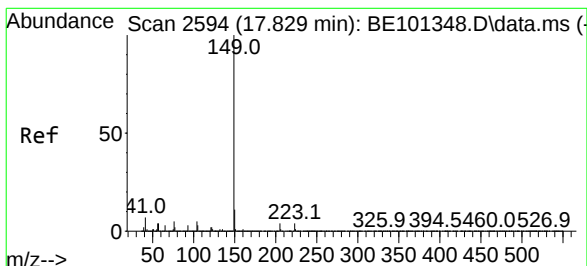
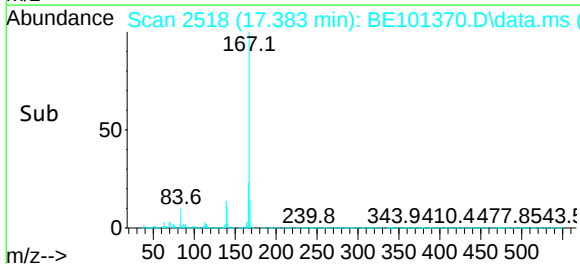
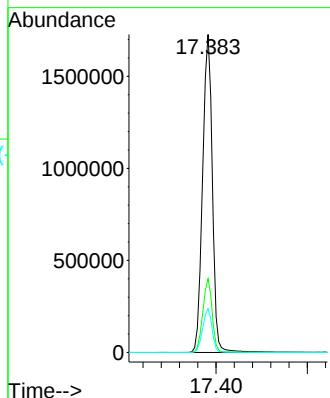
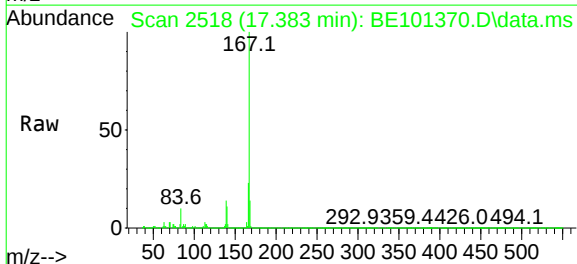
Tgt Ion:	167	Resp:	2561381
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.4	27.6
139	13.8	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#74

Di-n-butylphthalate

Concen: 42.521 ng

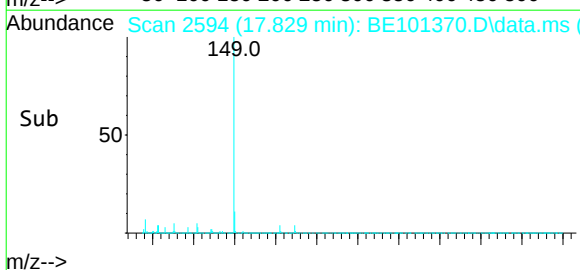
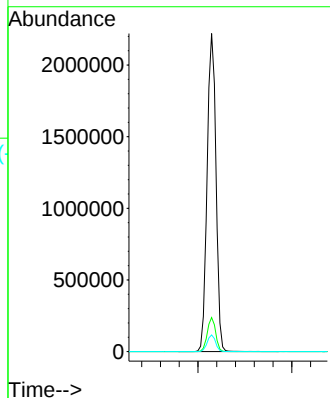
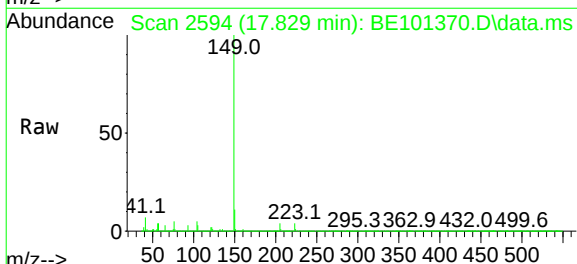
RT: 17.829 min Scan# 2594

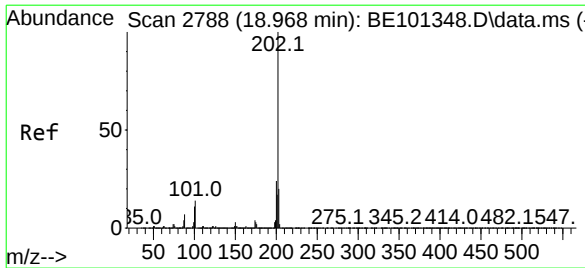
Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Tgt Ion:	149	Resp:	2907667
Ion	Ratio	Lower	Upper
149	100		
150	10.7	9.0	13.6
104	5.2	4.4	6.6





#75

Fluoranthene

Concen: 41.058 ng

RT: 18.969 min Scan# 2788

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 3086785

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.2

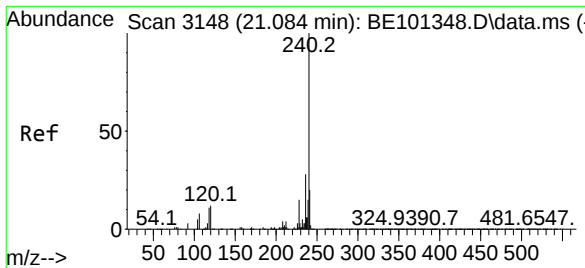
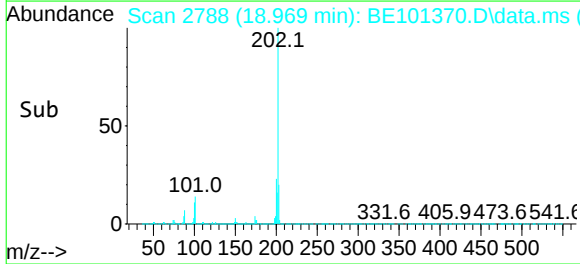
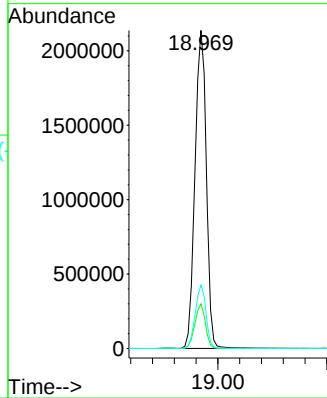
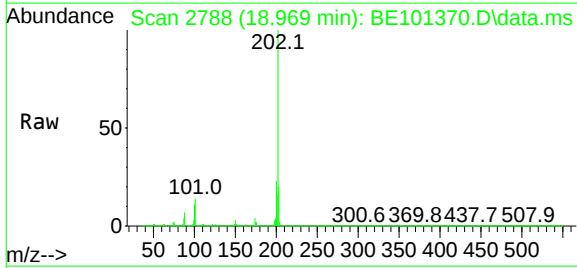
203 19.9 0.4 40.4

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: 21.084 min Scan# 3148

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

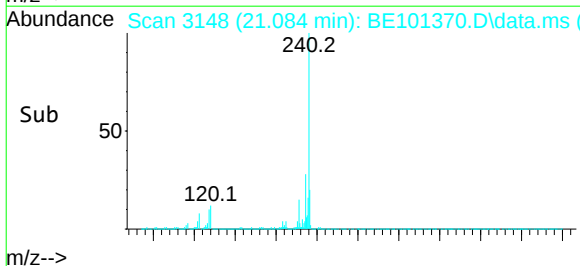
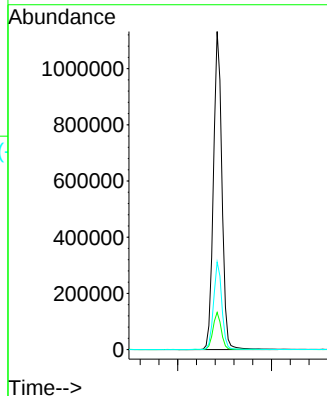
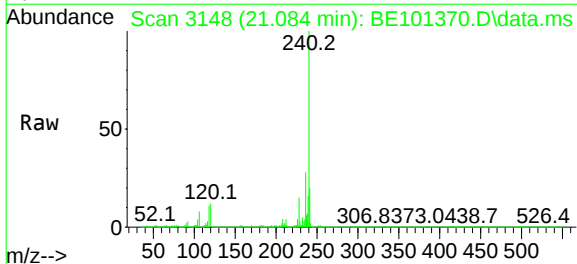
Tgt Ion:240 Resp: 1422806

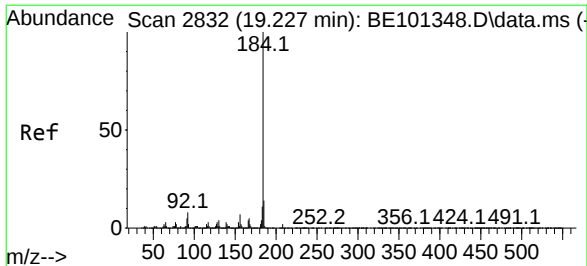
Ion Ratio Lower Upper

240 100

120 11.7 9.8 14.8

236 27.5 22.1 33.1





#77

Benzidine

Concen: 66.089 ng

RT: 19.227 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 1560623

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

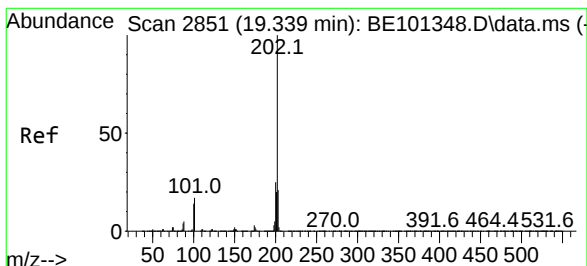
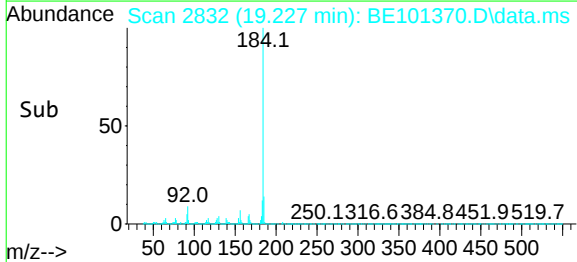
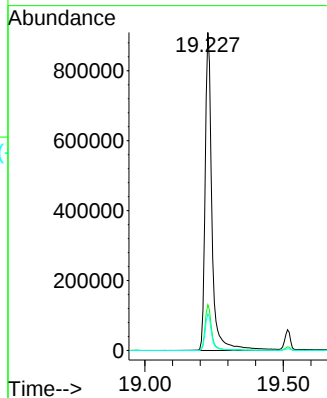
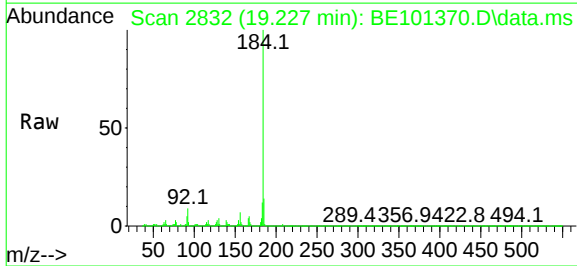
183 11.5 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 40.906 ng

RT: 19.339 min Scan# 2851

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

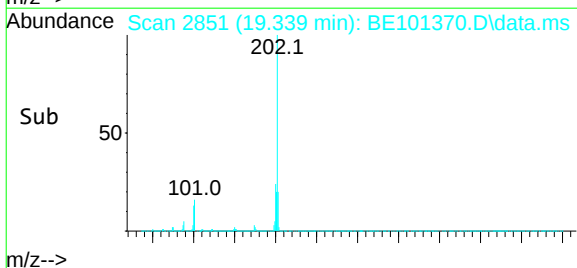
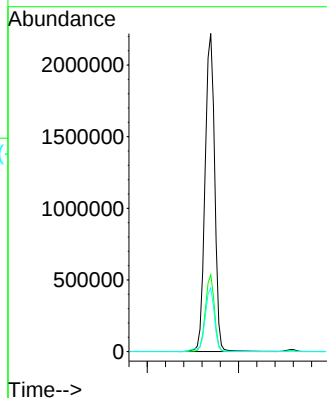
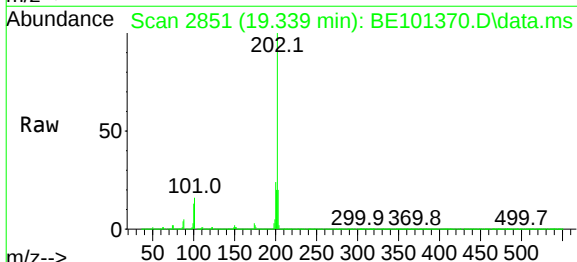
Tgt Ion:202 Resp: 3236973

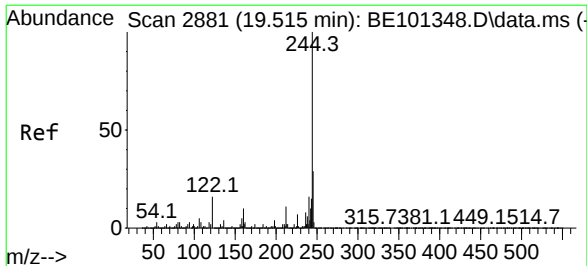
Ion Ratio Lower Upper

202 100

200 24.2 20.2 30.2

203 20.0 16.6 25.0





#79

Terphenyl-d14

Concen: 70.541 ng

RT: 19.515 min Scan# 2881

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 4526445

Ion Ratio Lower Upper

244 100

212 10.2 8.5 12.7

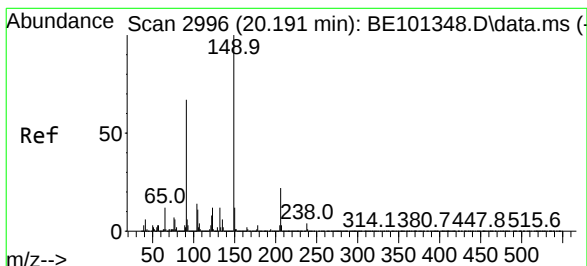
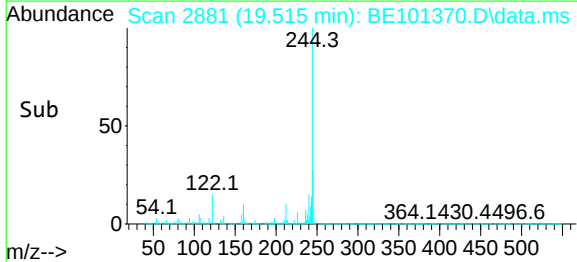
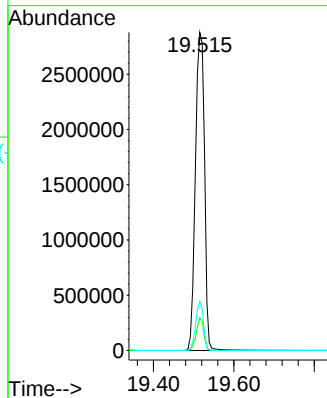
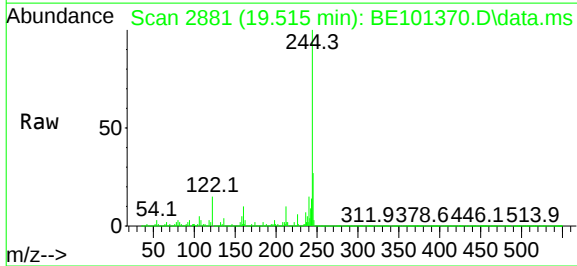
122 15.5 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 42.465 ng

RT: 20.191 min Scan# 2996

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

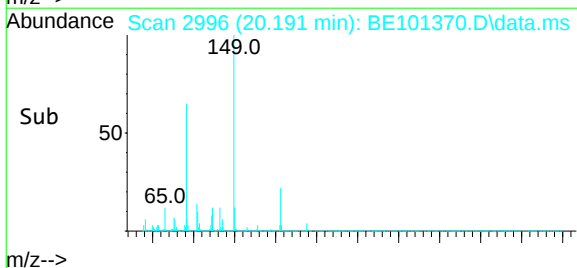
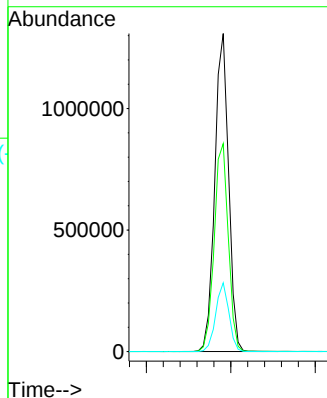
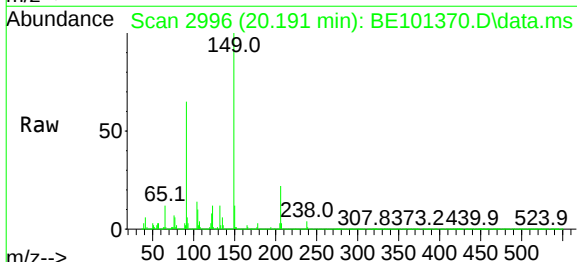
Tgt Ion:149 Resp: 1487509

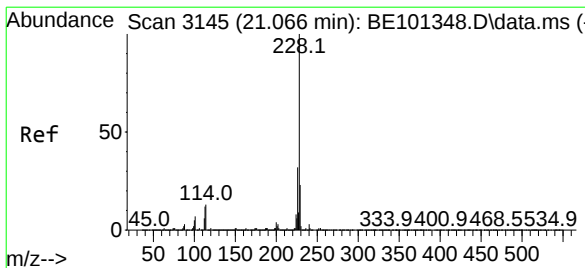
Ion Ratio Lower Upper

149 100

91 65.4 53.4 80.2

206 21.6 17.4 26.0





#81

Benzo(a)anthracene

Concen: 40.743 ng

RT: 21.066 min Scan# 3145

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

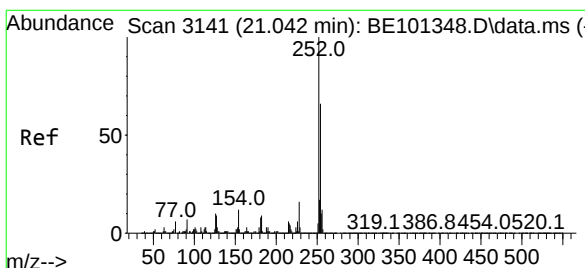
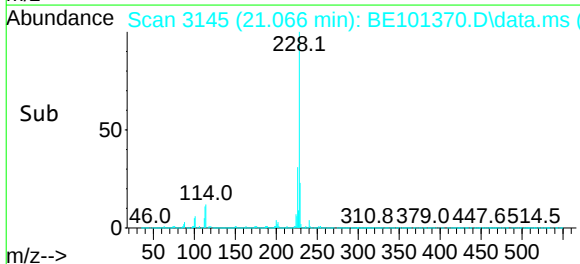
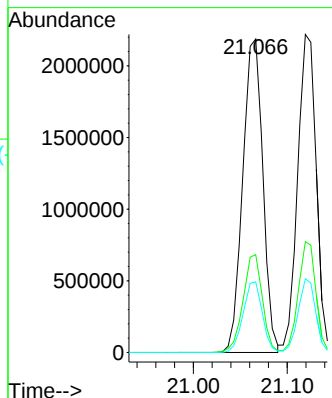
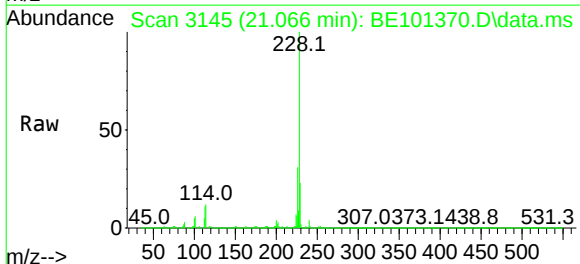
SSTDCCC040

Tgt Ion:228 Resp: 3255481

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.7	38.5
229	22.6	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: 43.976 ng

RT: 21.043 min Scan# 3141

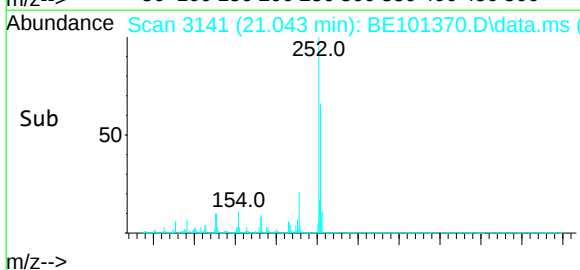
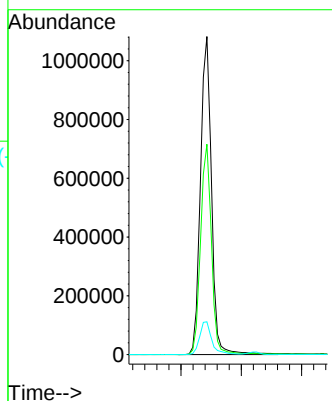
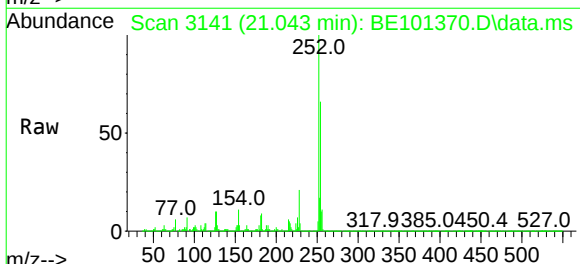
Delta R.T. 0.000 min

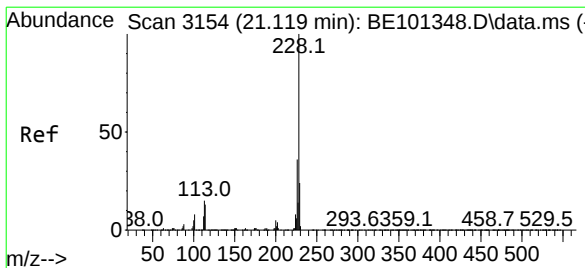
Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Tgt Ion:252 Resp: 1376801

Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.5	78.7
126	10.3	8.0	12.0





#83

Chrysene

Concen: 40.583 ng

RT: 21.119 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 3115022

Ion Ratio Lower Upper

228 100

226 34.8 28.4 42.6

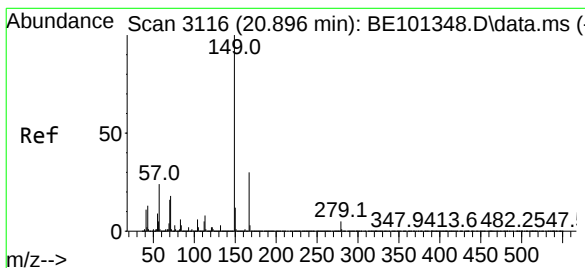
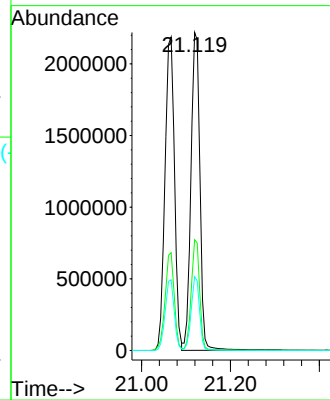
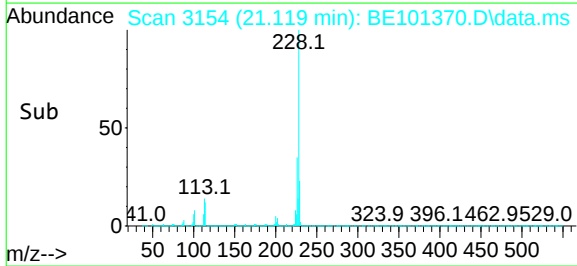
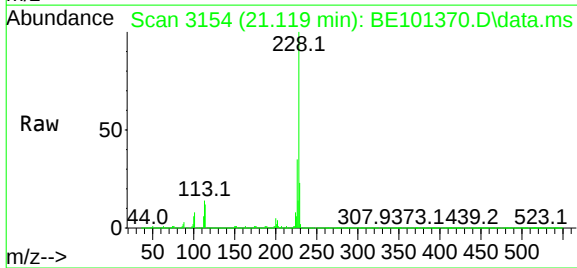
229 23.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.428 ng

RT: 20.890 min Scan# 3115

Delta R.T. -0.005 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

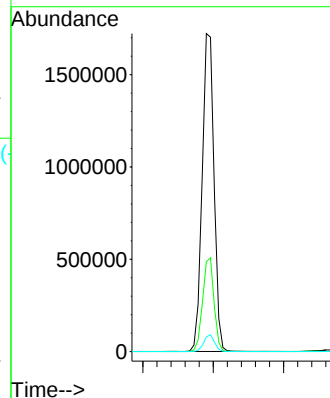
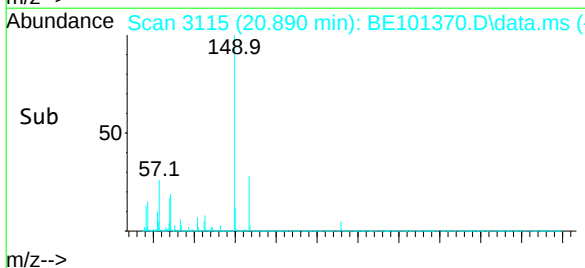
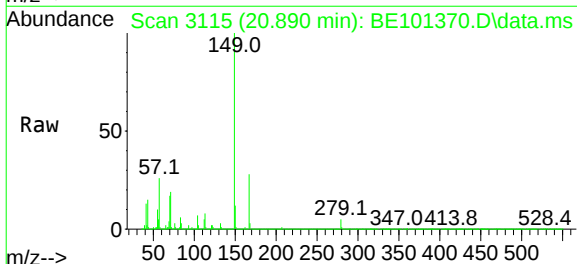
Tgt Ion:149 Resp: 2011809

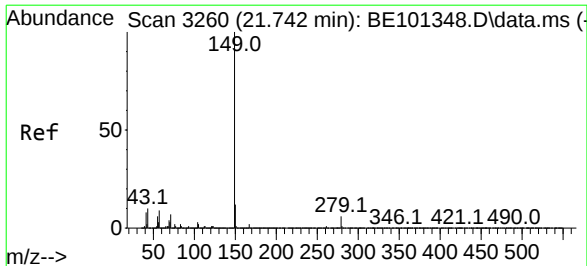
Ion Ratio Lower Upper

149 100

167 28.2 23.9 35.9

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 42.679 ng

RT: 21.742 min Scan# 3260

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

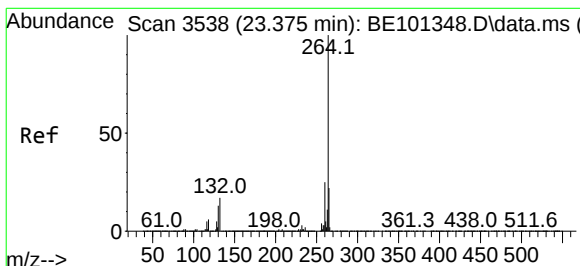
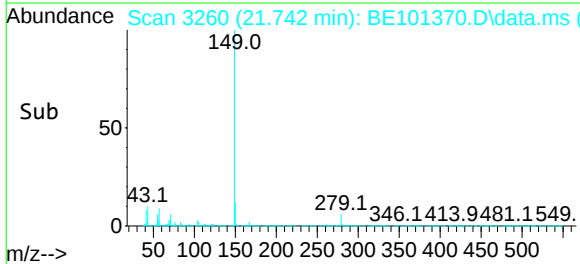
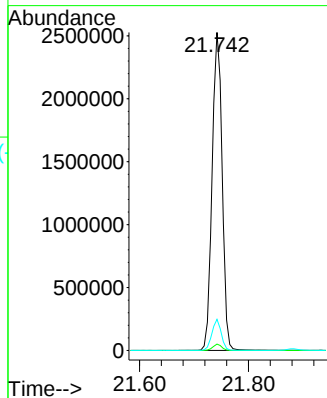
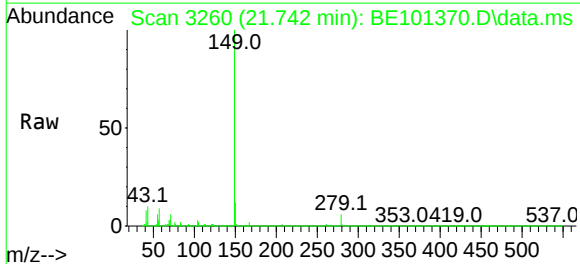
Tgt Ion:	149	Resp:	3227317
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.1	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#86

Perylene-d12

Concen: 20.000 ng

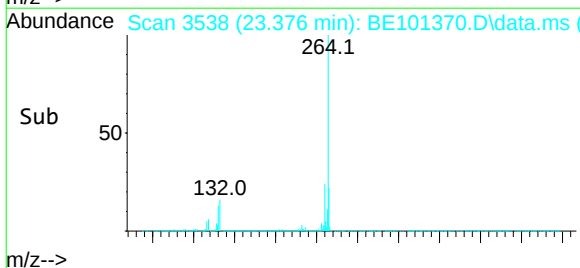
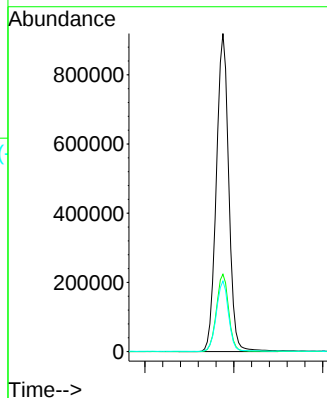
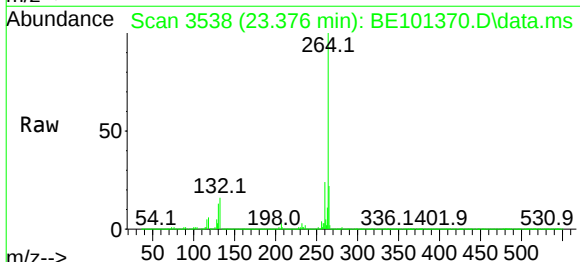
RT: 23.376 min Scan# 3538

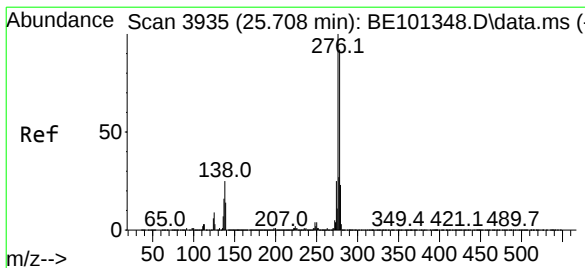
Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Tgt Ion:	264	Resp:	1782778
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	22.2	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.153 ng

RT: 25.714 min Scan# 3935

Delta R.T. 0.006 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 4833634

Ion Ratio Lower Upper

276 100

138 23.4 19.2 28.8

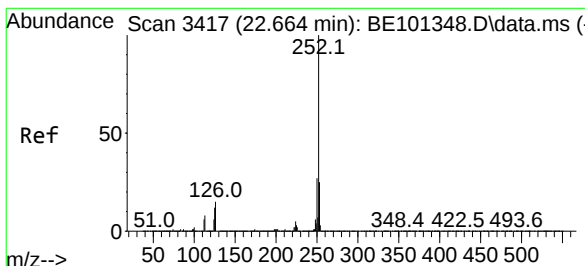
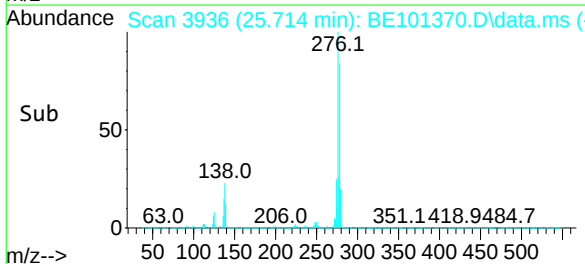
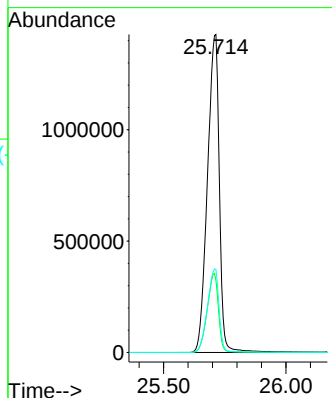
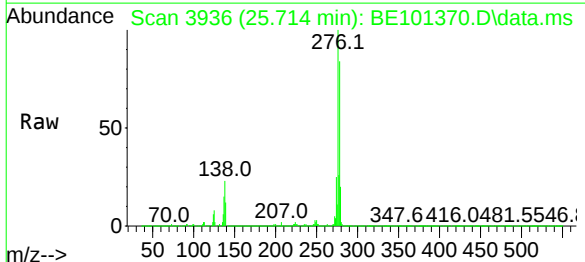
277 25.8 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 40.799 ng

RT: 22.665 min Scan# 3417

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

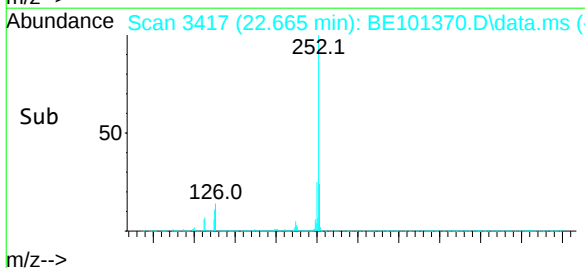
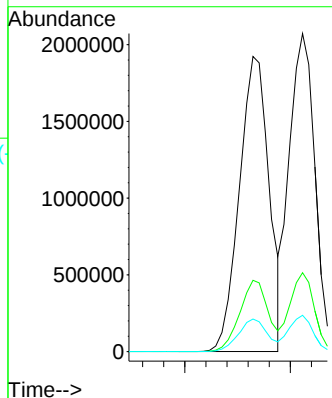
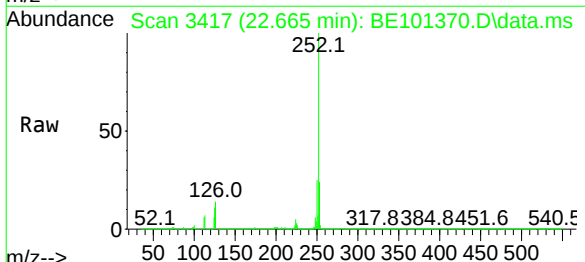
Tgt Ion: 252 Resp: 3767104

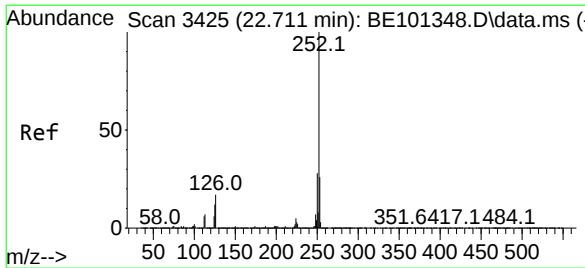
Ion Ratio Lower Upper

252 100

253 24.2 20.2 30.2

125 11.0 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 41.037 ng

RT: 22.712 min Scan# 3425

Delta R.T. 0.000 min

Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion: 252 Resp: 3576259

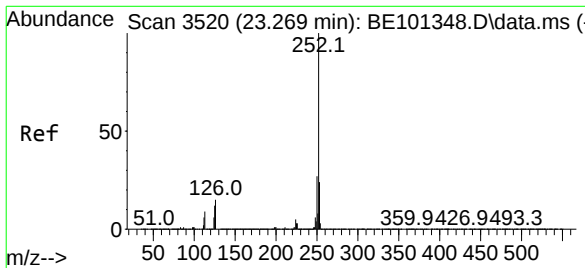
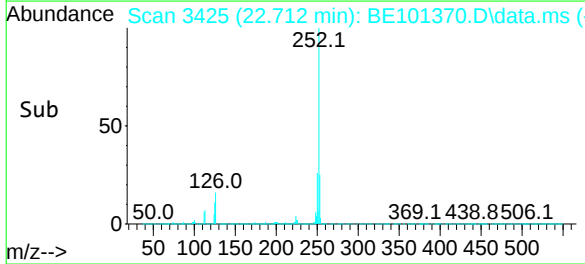
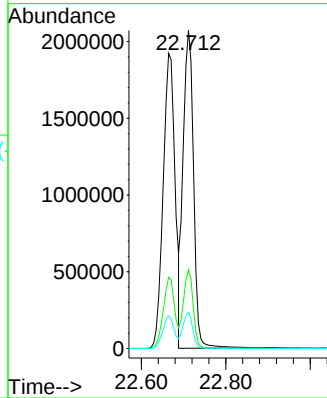
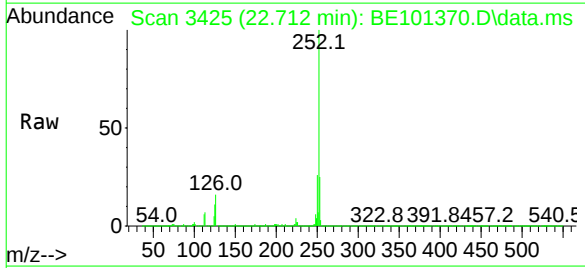
Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.2	30.4
125	11.4	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 41.118 ng

RT: 23.270 min Scan# 3520

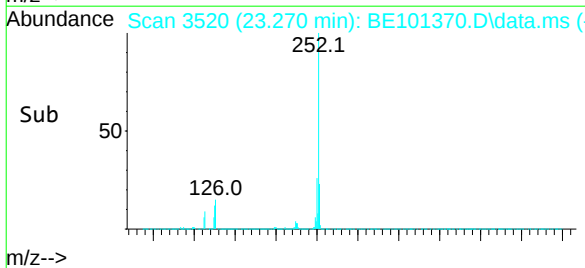
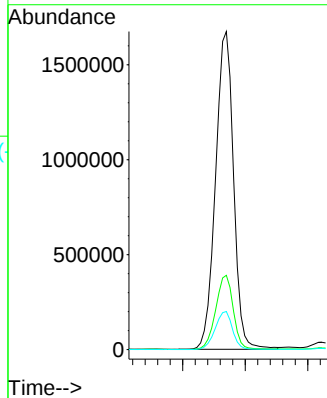
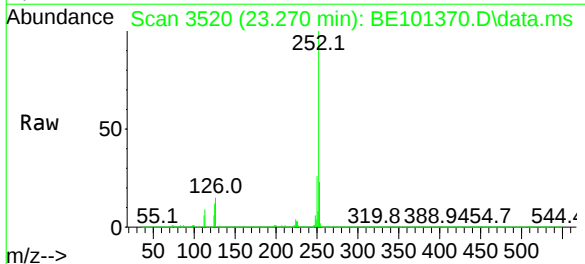
Delta R.T. 0.000 min

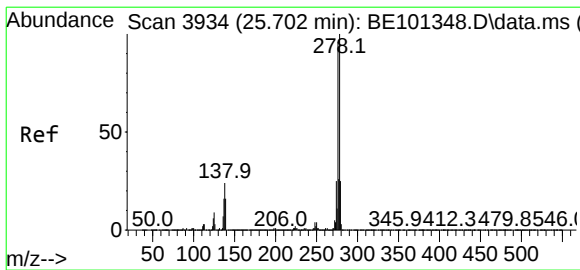
Lab File: BE101370.D

Acq: 19 Sep 2024 9:14

Tgt Ion: 252 Resp: 3350629

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.6
125	12.0	9.6	14.4





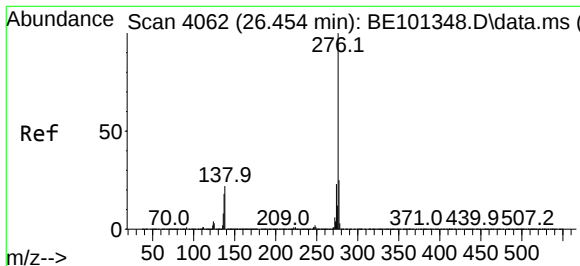
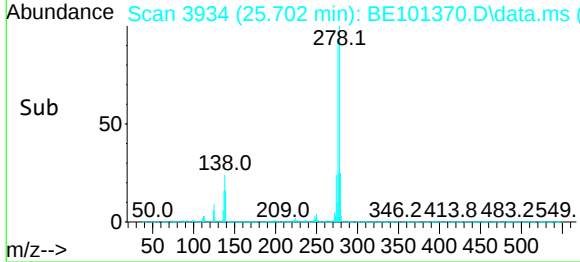
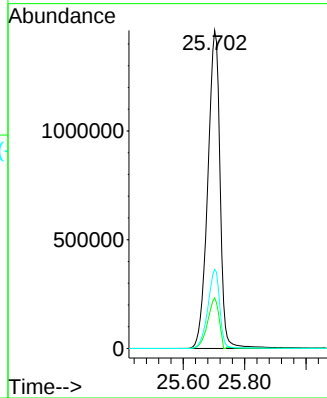
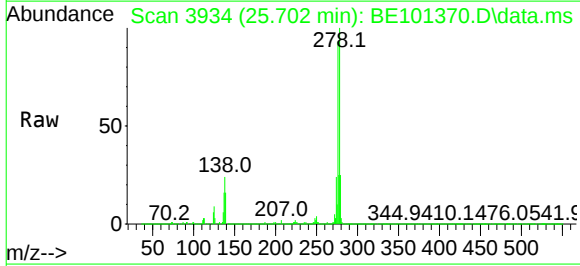
#91
Dibenzo(a,h)anthracene
Concen: 41.359 ng
RT: 25.702 min Scan# 3934
Delta R.T. 0.000 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:	278	Resp:	4067110
Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.4	18.6
279	24.9	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: 40.579 ng
RT: 26.460 min Scan# 4063
Delta R.T. 0.006 min
Lab File: BE101370.D
Acq: 19 Sep 2024 9:14

Tgt Ion:	276	Resp:	4051740
Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	20.0	17.4	26.0

